LISTING AND INDEX

of

MAPS, PLANS, PROFILES, PICTURES, AND PHOTOGRAPHS

of

CANALS OF NEW YORK STATE

in

ANNUAL REPORTS

of

STATE ENGINEER AND SURVEYOR through 1905

CANAL COMMISSIONERS

SUPERINTENDENT OF PUBLIC WORKS ON CANALS through 1905

BY

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and

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6.14.62 Emily A. Madden Y.

FOREWORD

When this LISTING was started it was for my own use and was planned just to cover the years of the Lateral Canals, but the more research one does the more the circle widens. In discussing it with Mr. Rose, it was decided that other canal researchers would welcome just such a listing - and an index - and with his help it was decided to check all the ANNUAL REPORTS of the STATE ENGINEER AND SURVEYOR, the CANAL COMMISSIONERS, and the SUPERINTENDENT OF PUBLIC WORKS ON CANALS from the earliest report through 1905 which took in the years covered by Noble E. Whitford's monumental 2 volume work on HISTORY OF THE CANAL SYSTEM OF THE STATE OF NEW YORK.

The listings are in the order found because most of the maps, etc., are to be found in the reports of the State Engineer and Surveyor.

Books published by a publishing house for sale usually have identical copies, but since the information found in our LISTING was published by the State and not for sale, but for record and public information, there followed a variation in the forms of publication.

These three sets of reports were published in 4 different ways:

1. In bound volumes of ASSEMBLY and SENATE DOCUMENTS
2. In separate hard cover books
3. In separate soft cover books
4. In segments prepared for binding, but with no cover at all. These have a loose string binding punched through at three or four places to hold the sheets together and can be found for sale in this way today.

There seems to be no policy on which reports would have maps, etc., put in them and which would not. They are not found in some of the bound ASSEMBLY and SENATE DOCUMENTS, in the same year they might be in the hard cover book, or again in the soft cover and not in the other two. On the other hand they might be in all three. In at least one instance we checked a fourth copy only to find a map not found in any of the three checked for listing. One year the maps were duplicated (see note under SPW for 1881).

We can only say we have tried to be accurate. We lay no claim not to have made any mistakes or any omissions. If the researcher finds omissions, we would be very grateful to be informed of them.

It would be impossible in the setup of this LISTING to have the kind of an INDEX to be found in a published work of several hundred copies. We have tried to make it comprehensive, but here again individuals will make their own notations. Again, we would be glad to be informed of ways in which it would be more useful.

Emily A. Madden
Livonia, New York

LIST OF MAPS, PLANS, AND PROFILES IN THE ANNUAL REPORTS OF THE STATE ENGINEER AND SURVEYOR ON THE NEW YORK STATE CANALS FOR THE YEARS OF 1850 THROUGH 1879

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIPTION	PAGE
1850 Transmitted Feb. 7, 1851	A.D. 45	Statistical Profile Erie Canal Enlargement, Eastern Division, City of Albany-Higginsville, Oneida County H. Seymour, S.E.S. J. P. Goodsell, Res. Eng. C. A. Olmsted, Div. Eng David Vaughn, del. also on profile Plan of Location Lithograph - Little Falls, J. Wilson	51 x 13¼	Profile Plan Picture	50-1
		Diagrams showing Comparative size of boats used on Erie Canal and those used on Enlargement of Erie F. A. Utter, del.	23 x 12¼	Plans	50-2
		Sketch of part of the Black River shewing a Profile thereof with the Cross Sections at points as indicated C. A. Olmsted, Div. Eng. D. Vaughn, scrip. High Falls, J. Wilson S. High Falls, J. Wilson	69 x 22 3/4	Profile Picture	104-1
		Statistical Profile- Black River Canal & Erie Canal Feeder 1850 H. E. Seymour, S.E.S. C. A. Olmsted, Div. Eng. D. Vaughn, Scrip.	37 x 11 3/4	Profile	104-2
		Erie Canal Enlargement, Middle Division Extending from Oneida Lake to Eastern Boundary of Wayne County, 1851 John T. Cloud, Div. Eng David Vaughan, Draftsman	37 x 12	Map	154
		Statistical Profile, Erie Canal shewing Enlargement on Western Division from East boundary of Wayne County to Lake Erie J. B. Stillson, Div. Eng. Danl Marsh, Res. Eng. D. Vaughan, scrip	52¼ x 10 3/4	Profile	200

FOR YEAR OF	LEG. DOC	TITLE	SIZE	DESCRIPTION	PAGE
1851	A.D. 90	General Cross Section of Canal Sidedocking wall Vertical or Battered walls used	12 x 8½	Plans	22-1
Transmitted March 4, 1852		3 Prisms	16 3/4 x 10 3/4	Plans	22-2
		General Plan Farm Bridge-Enlarged canal " " " " -Old Canal	16 3/4 x 12½	Plans	22-3
		Primary Structures-Upper Mohawk Aqueduct for Enlarged Canal	22½ x 15½	Plans	22-4
		Erie Enlargement-Statistical Profile of Eastern Subdivision of Eastern Division J. P. Goodsell, Res. Eng.	73 x 12	Profile	24
		Map showing the relative position of lakes at the Headwaters of the East Canada & Caroga Creeks and the Erie Canal from Little Falls & Fort Plain with the several proposed Routes for Feeders to the Canal Charles A. Olmsted, Div. Eng. J. P. Goodsell, Res. Eng. D. Vaughan, draftsman	37 x 29	Map	36
		Enlargement of the Erie Canal Statistical Profile of West SubDivision of East Division D. G. Jenne, Res. Eng.	36 x 11½	Profile	48
		Erie Canal Enlargement, Middle Division extending from Oneida Lake to East Boundary of Wayne County John T. Clark, Div. Eng. David Vaughan, draftsman	30 x 12	Profile	60
		Statistical Profile Erie Canal shewing Enlargement on Western Division-East Boundary of Wayne County to Lake Erie J. B. Stillson, Div. Eng. Danl Marsh, Res. Eng. John Lathrop, Res. Eng. D. Vaughan, script	51 x 10½	Profile	114-1
		Plan of Rochester Aqueduct D. C. Shepard, draftsman	22½ x 16	Plan	114-2
1852 Transmitted Jan. 27 1853	A.D. 28	Section of Old Canal, with 5' Depth of water, showing 2 enlarged boats, drawing 3' of water	Reg. Page	Plan	24-1
		Section of an enlarged lock, showing widths at the Several points, and size of boat that can pass			

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIPTION	PAGE
1853 Transmitted Feb. 9, 1854	S.D. 60	Map of the State of New York showing its Water & Railroad Lines, January, 1854 Direction of Wm. J. McAlpine David Vaughan, draftsman	26 x 20½	Map	152-1
		Various Channels for conveying the Trade of the NorthWest to the Atlantic Sea- B oard Exhibiting the Tributaries & drainage of the Trade into each and the Effect of the Enlargement of the Erie Canal Wm. J. McAlpine, C.E.-S.E.S. David Vaughan, draftsman	27½ x 20⅛	Map	152-2
1854 Transmitted Feb. 22, 1855	A.D. 50	NONE			
1855 Transmitted Jan 23, 1856	A.D. 180	No. 1 Width of Prism of canal, or from bank to bank 81 feet No. 2 Width of Prism of canal, or from bank to bank 75 feet Surface of water 70 feet wide	Reg.Page	Plan	35
1856 Transmitted Jan. 15, 1857	A.D. 60	Map of the Champlain Canal and its connections J. P. Goodsell, Div. Eng. David Vaughan, draftsman	15⅝ x 14⅛	Map	72-1
		Statistical Profile of the Erie Canal Enlargement, Eastern Division Showing Condition of Enlargement, Jan. 1, 1857 J. P. Goodsell, Div. Eng. David Vaughan, draftsman	29 x 7 3/4	Profile	72-2
		Profile of the Erie Canal, Middle Division, showing condition of the Enlargement, January 1, 1857 David Vaughan, draftsman	16½ x 7 3/4	Profile	88
		Profile of the Erie Canal, Western Division, showing condition of Enlargement, January 1, 1857	29 x 7 3/4	Profile	150
1857 Transmitted Jan. 1, 1858	S.D. 15	Plan of prism, berme & Towing Path Bank	Reg.Page	Plan	20
		Statistical Profile of the Erie Canal Enlargement, Eastern Division showing the condition of the Enlargement, Jan.1, 1858 J. P. Goodsell, Div. Eng. David Vaughan, draftsman	29 x 7 3/4	Profile	32-1
		Map showing Location of Black River Canal & Profile of the Black River Canal & Erie Canal Feeder, 1858 J. P. Goodsell, Div. Eng. David Vaughan, draftsman	50 x 8½	Map Profile	32-2

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIPTION	PAGE
1857 cont.		Profile of the Erie Canal, Middle Div. showing condition of the Enlargement, Jan. 1, 1858 O. C. Hartwell, Div. Eng. David Vaughan, draftsman	17 x 8 3/4	Profile	72
		Profile of the Erie Canal, Western Div. showing condition of the Enlargement January 1, 1858 John D. Fay, Div. Eng. David Vaughan, draftsman	29 x 8	Profile	112
1858 Transmitted Jan. 1, 1859	A.D. 28	Maps & Profiles of New York State Canals Van Rensselaer Richmond, S.E.S David Vaughan, Draftsman	41 x 24	Map Profile	1
		Plan showing 2 enlarged boats in prism	Reg. Page	Plan	8
1859 Transmitted Jan. 13, 1860	A.D. 15	PLANS, PROFILES, & MAPS ACCOMPANYING THE ANNUAL REPORT OF THE STATE ENGINEER AND SURVEYOR FOR THE YEAR 1859			
		Map & Profiles of New York State Canals Designed under direction of Van Rensselaer Richmond (has Millgrove Pond W. instead of E. of Olean)	42 x 23	Map Profile	
		A. General Plans of Timber Locks Chemung Canal B. W. O'Grady, draftsman	24 x 17½	Plan	
		B. Gen'l Plan for Road Bridge, Erie Canal Enlargement B. W. O'Grady, draftsman	22½ x 17	Plan	
		C. Gen'l Plan of Aqueduct & Elevation of Seneca River Aqueduct-also cross section of old and new canal James Burke, draftsman	45 x 17	Plan	
		Picture of Aqueduct, J. C. Laass		Picture	
		D. General Plan of Whipple's Patent Arch Truss Bridge 72' span B. W. O'Grady, draftsman	19½ x 17	Plan	
		E. Gen'l Plan Whipple's Patent Arch Truss Bridge 100' span B. W. O'Grady, draftsman	25½ x 17	Plan	
		F. Gen'l Plan Iron Road Bridges Whipples Trapezoidal Truss, Erie Canal Enlargement J. C. Laass, draftsman	24 x 12½	Plan	
		G. Detail Plan of Dam & Bulkhead, Rocky Rift Feeder, Mohawk River, Erie Canal Enlargement J. A. Cooper, draftsman	26½ x 16 3/4	Plan	

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIPTION
1859 cont.		H. Gen'l Plan of Enlarged Double Locks 8' lift J. A. Cooper, draftsman	26 x 21	Plan
		Picture of Lockport Locks		Picture
		I. Gen'l Plan of Road & Farm Bridge Superstructure with Iron Chords & Shoes 72' span-Enlargement Erie Canal J. A. Cooper, draftsman S. H. Sweet, C.E. For John Beardslee, Supt. Little Falls	26 x 22	Plan
		J. None		
		K. General Plan of Composite Locks, Chemung Canal 8' Lift J. C. Laas, draftsman	26½ x 13 3/4	Plan
		L. General Plan for Farm Bridge, Lateral Canals 50' span, 11' roadway-0'Grady	19¼ x 9	Plan
		M. General Plan of Waste Weir, Enlargement of Erie Canal John A. Cooper, draftsman	18 x 13¼	Plan
		N. Composite Valve for Enlarged Locks for Erie Canal Enlargement John A. Cooper, draftsman	23½ x 16	Plan
		O. General Plan of Culverts " " " Composite Culverts " " " Stone Box " Plan & Details of Discharge Pipe & Well to Eriesville Reservoir-Erie Canal Enlargement J. C. Laasa, draftsman	26 x 19½	Plan
		P. General Plan of Farm Bridge & Abutments, exhibiting prism of the Enlarged Erie Canal. Span 72' - 12' roadway John A. Cooper, draftsman	24 3/4 x 16 3/4	Plan
		All these plans listed Van R. Richmond, S. E. S.		
1860 Transmitted Jan. 23, 1861	A.D. 28	None		
1861 Transmitted Jan. 13, 1862	A.D. 8	None		

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIPTION	PAGE
1862 Trans-mitted Jan. 23, 1863	A.D. 50	Profiles of the N.Y.State Canals & Feeders Showing Elevation of the same above Tide-water and the Junction of the Lateral Canals with the Erie and Map of the State of New York Showing its Canals & Railroads Wm. B. Taylor, S. E. S. S. H. Sweet, Deputy	40½ x 24½	Profile Map	4
		Plan of Weighlock, Waterford, Champlain Canal John A. Cooper, draftsman S. H. Sweet, Deputy S. E. S. William B. Taylor, S. E. S. D. C. Jenne, Div. Eng. Wm. B. Cooper, Res. Eng.	29 x 20¼	Plan	22
		Plan of Scales to WeighLock, Waterford, Champlain Canal Same men listed as above	31½ x 24½	Plan	24
		Lakes & Reservoirs-Headwaters Moose & Black Rivers showing present & proposed feeders to Black River Canal Same men as above	24¼ x 16	Map	28
		Details of Discharge Pipes, Masonry etc. at DeRuyter Reservoir Waste Weir, Bank of Reservoir, Discharge Pipes, Plan of piting Same men as above	29 x 24	Plan	40
		Feeder Dam & Bulkhead DeRuyter Reservoir A. C. Scott, draftsman S. H. Sweet, Deputy S. E. S. W. B. Taylor, S. E. S. J. Platt Goodsell, Div. Eng. M. S. Kimball, Res. Eng.	17⅛ x 8⅛	Plan	42
		Lock No. 17 - 11' lift Oswego Canal Same men listed as above	17 x 12¼	Plan	44
		Diagrams No. 1, 2, & 3 Berme bank, Prism, & Towing Path S. H. Sweet, Deputy S. E. S.	11 x 8	Plan	288-1
		No. 1 Cross Section Black River Lock 15' 11½" No. 2 Cross Section Enlarged Lock 19' S. H. Sweet, Deputy S. E. S.	9½ x 8½	Plan	288-2
		Diagrams of Enlarged Erie Canal Showing the General Plan of Slope & Vertical Walls Wm. B. Taylor, S. E. S. S. H. Sweet, Deputy S. E. S. Cooper, draftsman	26 x 9¼	Plan	438-1

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIPTION	PAGE
1862 cont.		Map showing Old & Enlarged Erie West of Montezuma across Cayuga Marshes showing Location of Richmond Aqueduct David Vaughan, draftsman S. H. Sweet, Deputy S. E. S. also Picture of Richmond Aqueduct J. O. Laass	25 x 13 3/4	Map Picture	438-2
		Whipple's General Plan Towing Path Change Bridge, Erie Canal Enlargement J. A. Cooper, draftsman S. H. Sweet W. B. Taylor	25 3/4 x 15½	Plan	440
1863 Transmitted Feb. 4, 1864	A.D. 179	Profiles of the New York State Canals & Feeders Showing the Elevations of the same above Tidewater and the Junction of the Lateral Canals with the Erie Wm. B. Taylor, S. E. S. S. H. Sweet, Deputy S. E. S. To accompany the S. E. S. Report on the Enlargement of Locks for Gun Boats, 1864.	41 x 25	Profile	3
		Map of the State of New York showing its Canals & Rail Roads Same as listed above			
		Map showing the Improvement of the Allegheny River from Olean to Great Valley Creek David Vaughan, draftsman, Jan. 1864	19½ x 17½	Map	100
		Improvement of the Hudson River Showing Plan & Location of Jetties - also Channel of 8' Depth and Over S. H. Sweet, Deputy S. E. S. J. A. Cooper, del	43½ x 15½	Map	108
		Proposed Gun Boat Locks As Located Outside and at Head of Present Erie Canal Locks Wm. B. Taylor, S. E. S. Daniel C. Jenne, Div. Eng. O. W. Storey, " " J. A. Cooper, Del.	31 x 21	Map	114
		Map of Proposed Fish Creek Feeder J. A. Cooper, Del.	26 x 17	Map	120
		Proposed Plan of Enlarging One of the Erie Canal Locks for Gun Boats W. B. Taylor, S. E. S. J. P. Goodsell, Div. Eng. O. W. Storey, " " Daniel C. Jenne, " " J. A. Cooper, del.	31½ x 19½	Map	152
		Location of Gunboat Lock No. 1, City of Albany, N. Y. Wm. B. Taylor, S. E. S. & David Vaughan, del.	25 x 19	Map	162

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1863 cont.		Side-Cut Locks at West Troy (Gun Boat Locks) David Vaughan, del.	23 x 19	Map	162
		Locks Nos. 13 & 14 (Gun Boat Locks) David Vaughan, del.	23 x 17	Map	164
		Locks Nos. 15 & 16 (Gun Boat Locks) David Vaughan, del.	23 x 19	Map	168
		Lock 18, Lock 17 (Gun Boat Locks) David Vaughan, del.	23 x 19	Map	170
		Locks Nos. 21 & 22 (Gun Boat Locks) David Vaughan, del.	26 x 19	Map	172
		Locks 37, 38, 39 Little Falls (Gun Boat Locks) David Vaughan, del.	45 x 19	Map	174
		Map showing Location of Locks Nos. 1, 2, & 3. Salina Side Cut. Oswego Canal (Gun Boat Locks)	23 x 14	Map	176
		Map showing New Proposed Location of Canal and Locks at Locksville, Wayne Co. Locks 57 & 58 (Gun Boat Locks) Richmond, del.	29 x 19	Map	194
		Map showing Location of One Tier of New Locks at Lockport, County of Niagara. Locks 67, 68 & 69 in Lieu of 67, 68, 69, 70 & 71 (Gun Boat Locks) Richmond, del.	22 x 14	Map	196
1864 Transmitted June 11, 1865	A.D. 20	Profile of New York State Canals & Feeders, Elevation above Tide Water, Junction of Lateral Canals with Erie 1865. Map of Canals and Railroads Wm. B. Taylor, S. E. S. R. H. Sherman, Dep'y S. E. S.	40½ x 25	Profile Map	4
		Plan of Tree Dam Across Schoharie Creek Wm. B. Taylor, S. E. S. D. C. Jenne, Div. Eng. J. A. Cooper, del.	27½ x 15½	Plan	6
		Improved Plan of Wood Bridge with Iron Chords. Span 72' - Roadway 12' Same as listed above	27 x 17	Plan	22
		General Plan of Wood Bridge, Span 50', Roadway 11' Same as listed above	21 x 15½	Plan	28
		Map of Albany Basin Showing Proposed Improvement 1864 Same as listed above	37½ x 13	Plan	44

FOR YEAR OF	A.D. NO.	TITLE	SIZE	DESCRIPTION	PAGE
1865 Transmitted Jan. 23, 1866	A.D. 38	Profiles of the New York State Canals showing the Elevations of same above Tide-water & Junction of the Lateral Canals with the Erie 1865	40½ x 25	Profile	1
		Map of the State of New York showing its Canals and Railroads Wm. B. Taylor, S. E. S. R. H. Shearman, Deputy S. E. A.		Map	
		Map of Railroads of State of New York Same as listed above	30 x 23	Map	4
		Map of Albany Basin shewing proposed Improvements - 1865 (Note-This map shows Lock No 2. It is actually Lock No. 1) Wm. B. Taylor, S. E. S. J. C. Jenne, Div. Eng. J. A. Cooper, draftsman	38 x 13½	Map	8
		Plan of Tumble Gate Lock 39, Erie Canal 1865 Daniel C. Jenne, Div. Eng. W. B. Taylor, S. E. S. M. H. Roberts, draftsman	28 x 31	Plan	38
		Extension of Chenango Canal from Binghamton to Pennsylvania State Line W. B. Taylor, S. E. S. J. P. Goodsell, Div. Eng. Geo. Cushing, draftsman	13 x 12 3/4	Map	66
		Map of County of Clinton W. B. Taylor, S. E. S. R. H. Shearman, Deputy S. E.	19¼ x 17½	Map	108
		Map of County of Essex W. B. Taylor, S. E. S. R. H. Shearman, Deputy S. E. J. A. Cooper, draftsman	25 x 18½	Map	112
		Map of County of Franklin Same as listed above	24 3/4 x 16 3/4	Map	116
		Map of County of Hamilton Same as listed above	26½ x 15	Map	118
		Map of part of County of Herkimer Same as listed above	19½ x 12½	Map	120
		Map of County of Warren Same as listed above	17 x 17	Map	122
1866 Transmitted Jan. 19, 1867	A.D. 27	None			

FOR YEAR OF	A. D. NO.	TITLE	SIZE	DESCRIPTION	PAGE
1867 Transmitted Jan. 15, 1868	A.D. 23	Sweet's Map of New York State Canals Completed & in progress including Map of the State of New York Showing its Canals and Railroads J. P. Goodsell, S. E. S. 1867 David Vaughan, draftsman	40 x 30	Map	3
		Map of the Hudson River from Troy to Fort Edward showing location of Proposed Dams. J. P. Goodsell, S. E. S. 1867 C. D. Burrus, draftsman	55 x 10½	Map	30
1868 Transmitted Jan. 14, 1869	A.D. 11	Map of New York State Canals in Progress & Completed Van R. Richmond, S. E. S. S. H. Sweet, Deputy S. E. S.	40½ x 24 3/4	Map	2
		Mapshowing Lakes & Streams in State of New York, also Railroad & Canal Lines Same as listed above	28½ x 24	Map	4 or 6
		Map of Proposed Fish Creek Feeder-Jan. 1869 Same as listed above	27½ x 17	Map	20
		No. 1 Cross Section of Enlarged Canal with Bench Walls No. 2 Cross Section of Enlarged Canal without Bench Walls	11½ x 6	Plan	22
		Map of Pennsylvania shewing Routes by Railroad and water from the Coal Fields into the State of New York Van R. Richmond, S. E. S. S. H. Sweet, Deputy S. E. S.	32 x 22 3/4	Map	26
		Map of Welland Canal Same as listed above	10½ x 7	Map	30
		Map showing connections of Champlain Canal with St. Lawrence, Ottawa, Rideau, and Richelieu Canals of Canada - 1869 Same as listed above	20 3/4 x 9	Map	32
		Map of Northern Region between Atlantic and Pacific showing the Chain of Lakes Same as listed above	35½ x 9 3/4	Map	34
		Map of Chenango Canal Extension C. L. McAlpine, Res. Eng.	35 x 9	Map	68

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1869 Transmitted Jan. 12, 1870	A.D. 25	Map of the New York State Canals Completed and in Progress Van R. Richmond, S. E. S. S. H. Sweet, Deputy S. E. S.	30 x 24 3/4	Map	2
		Map of the New York State Canals Completed and in Progress with Profile & Map of the State of New York showing its Canals and Railroads Same as listed above	41 x 25 3/4	Map Profile	4
		Otisco Lake Reservoir - 1870 Van R. Richmond, S. E. S. M. S. Kimball, Div. Eng. C. A. Sweet, Eng. in charge	32 x 11	Map	48
		Map of the Chenango Extension to	35 x 8½	Map	52
		Plan of Swing Bridge over Erie Canal on Exchange Street, City of Rochester Daniel Richmond, Div. Eng. J. Nelson Tubbs, Res. Eng. Thomas Leighton, Builder Designed by C. Hilton, C. E. J. Bisgood, Del.	35½ x 26⅝	Plan	70
1870 Transmitted Jan. 13, 1871	A.D. 19	Map of the New York State Canals Completed and in Progress Van R. Richmond, S. E. S. S. H. Sweet, Deputy S. E. S.	33 x 28 3/4	Map	1
		Plan of Machinery for operating Heath's Valves & Tumble Gate for Enlarged Locks Erie Canal - May 1870	37 x 26 3/4	Plan	18
		Plan of Stop Gate	36½ x 24	Plan	78
		Plan of Boiler Plate Valve for Lock Gates Designed by W. W. Jerome	14 x 8	Plan	82
1871 Transmitted Jan. 3, 1872	A.D. 11	None			
1872 Transmitted Jan. 16, 1873	A.D. 17	None			
1873 Transmitted Jan. 16, 1874	A.D. 24	None			

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIPTION	PAGE
1874 Transmitted Feb. 24, 1875	A.D. 80	Steam Canal Boats, W. Baxter & W. Baxter, Jr. Patented Sept. 15, 1874	11 x 8½	Plan	26
		Section of Erie Canal showing old wall benches, slope walls of 1½:1, and 1:1	9½ x 8 3/4	Plan	72
		Cross sections of the Erie Canal, Middle Division	11 x 8½	Plan	72
		Diagrams of the Erie Canal from Buffalo to Clyde			
		To Black Rock Harbor	Reg.page	Plan	76-1
		From Pendleton to approximately 2½ miles above Lockport	Reg.page	Plan	76-2
		General Section East of Rochester (this page duplicated in some copies)	Reg.page	Plan	76-3
		Elevation of Mitre Sill of the Erie Canal at its entrance into the Albany Basin J. W. Willard, Corps of Engineers, U. S. Army	17 3/4 x 11	Plan	92
		Section of Champlain with Slope Wall 1:1 Section of Black River Canal with Slope Wall 2:1	Reg.page	Plan	102
		Map of the State of New York showing Canals and Railroads S. H. Sweet, S. E. S. John A. Cooper, Del. D. M. Greene, Asst. S. E. S.	35 x 28½	Map	176-1
		Profile of the Eastern Division of the Erie Canal showing Location of Structures and Vertical Walls in Detail - also General Map & Profile of the Eastern Division, New York State Canals S. H. Sweet, S. E. S. D. M. Greene, Deputy S. E. S. J. B. Yates, Div. Eng. S.E. Babcock, Res. Eng. Hon. Adin Thayer, Canal Commissioner	103 x 22½	Profile Map	176-2
		Map of Reservoirs, Feeders & Sources of Water Supply for the Middle Division of the Erie Canal D. Richmond, Res. Eng. C. A. Sweet, Div. Eng. R. W. Stroud, Canal Commissioner	47 x 30½	Map	176-3
		Map and Profile of the Western Division of the Erie Canal S. H. Sweet, S. E. S. Jas. Jackson Jr. Canal Commissioner J. D. Fay, Div. Eng. B. M. Hanks, Res. Eng.	57½ x 21	Profile Map	176-4
		(2, 3, 4 same as those in Canal Commissioners Report for 1874)			

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIPTION	PAGE
1874 cont.		Map of the Champlain Canal from its Junction with the Erie Canal at 3rd Lock, West Troy to its Termination at Whitehall Showing U. S. Ship Canal as Proposed from Whitehall to Fort Edward S. W. Sweet, S. E. S. D. M. Green, Deputy S. E. S. J. B. Yates, Div. Eng. S. E. Babcock, Res. Eng.	121 x 24	Map	176-5
		PROFILE Champlain Canal		Profile	
		" of Proposed Ship Canal from Whitehall to Fort Edward		Profile	
		" Hudson River from Fort Edward to Troy Dam		Profile	
		Cross Section Proposed Ship Canal		Plan	
		" " Improvement Champlain Canal (Being canal as it now exists)		Plan	
		" " Champlain Canal Enlargement		Plan	
		Chart-History of Champlain Canal & Glens Falls Feeder		Chart	
		Eastern Division Plan of Wrought Iron Bridge Designed by Chas. Hilton, Div. Eng. S. H. Sweet, S. E. S. D. M. Greene, Deputy S. E. S. J. B. Yates, Div. Eng. S. E. B abcock, Res. Eng.	23 x 18 3/4	Plan	176-6
		Plan of Wrought Iron Foot Bridge, Eastern Division Designed by A. Flinta Same as listed above	39½ x 28½	Plan	176-7
1875 Transmitted Jan. 18, 1876	A.D. 27	Map of the Champlain Canal from its Junction with the Erie Canal at 3rd Lock, West Troy to its Termination at Whitehall Showing U. S. Ship Canal as Proposed from Whitehall to Fort Wedward. See 1874 - Map - p. 176-5. This is exact duplicate	122 x 24	Map	14
		Section of Erie Canal Showing old Wall	9 3/4 x 8 3/4	Plan	26-1
		" " " " Benches			
		" " " " with Slope Wall 1½ al			
		" " " " " " " 1 al			
		Cross Sections of Erie Canal-Middle Div. From Higginsville to Limestone Creek Aqueduct 24.23 miles From Jordan Level to Wayne County Line 17.37 miles From Limestone Creek Aqueduct to Butternut Creek Aqueduct 2.06 miles West End of Long Level 4.37 miles Through City of Syracuse Jordan Level 14.16 miles	11 x 8	Plan	26-2

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1875 cont.		Diagrams of the Erie Canal from Buffalo to Clyde	Reg. page	Plan	28-1
		From Commerical St. Buffalo to Slip No. 1 Buffalo Through Harbor to Dam at foot thereof	5 3/4 x	Plan	28-2
		From Dam to Guard Lock Black Rock	8 3/4 "	Plan	
		From Guard Lock, B. Rock, to Tonawanda From Pendleton to a point 2½ mi. above Lockport			
		From a point 2½ mi. above Locks at Lockport Between the locks at Lockport At Lyell Street Rochester Genesee section east of Rochester	5 3/4 x 8 3/4	Plan	28-3
		Plan showing Wall Bench & Slope & Vertical Walls as now Built	26½ x 8½	Plan	126-1
		Cross Sections Erie Canal Eastern Div. Section of Erie Canal showing old Wall Benches " " " " with Slope Wall 1½ al " " " " " " " 1 al	9½ x 8 3/4	Plan	126-2
		Map of the Reservoirs, Feeders & Sources of Water Supply for the Middle Division of the Erie Canal - and Profile D. Richmond, Res. Eng. C. A. Sweet, Div. Eng. S. M. Sweet, S. E. S. D. M. Greene, Deputy S. E. S.	48½ x 29½	Map Profile	146
		Erie Basin & Buffalo Harbor	40 x 27 3/4	Map	208-1
		Map of Ohio Basin showing the Deposit	38 x 22½	Map	208-2
		Map showing Territory to be drained by Ferry & Bird Avenue-Receiving Sewer, Buffalo, N.Y. 1876	28½ x 13 3/4	Map	210
1876 Transmitted Feb. 15, 1877	A.D. 50	Profiles of the New York State Canals and Feeders, 1876	41 x 25	Profile	1
		Map of State of New York showing Canals and Railroads Adin Thayer, C. A. Walrath, D. A. Ogden, Canal Commissioners John D. Van Buren, Jr. S. E. S. David M. Greene, Deputy S. E. S. Wm. H. Searles, Western Div. Eng. B. K. Hanks, Res. Eng. C. A. Sweet, Middle Div. Eng. Denison Richmond, Res. Eng. E. Sweet, Jr. Eastern Div. Eng. Bryant Godwin, Res. Eng.		Map	
		Troy-Survey from State Dam to Cheeney's Dock, July, 1876	27½ x ? 3/4	Map	30-1

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1876 cont.		Troy-Survey from State Dam to Cheeney's Dock - November, 1876	24 x 7	Map	30-2
		Survey of Washington & Van Buren Bars, June	16½ x 8½	Map	32-1
		Survey of Fish House Shoal, June, 1876	11 3/4 x 5	Map	32-2
		Overslaugh Bars, June, 1876	22½ x 8 3/4	Map	36-1
		Overslaugh, Nov. 1876	14½ x 9¼	Map	36-2
		Old Overslaugh Dam, July 1875	26½ x 8½	Map	36-3
		New Baltimore Bar, November, 1876	18 x 9¼	Map	36-4
		Map of Erie Canal at Black Rock showing the present condition of the Division Wall between Canal & Harbor from Ferry Street to Mill Street, September, 1876	22 3/4 x 11	Map	166
		The Hudson River from Troy to New Baltimore, Compiled by order of Bvt. Major General John Newton under direction of Lt. J. H. Willard USA by R. H. Talcott, C.E. Albany 1876	72 x 12	Map	148 end of report double numbering.
1877 Transmitted Jan. 2, 1878	A.D. 9	Profiles of the New York State Canals & Feeders showing Elevations of the Water Surfaces above Tidewater & Junctions of the Later Canals with the Erie and Map of the State of New York showing its Canals and Railroads	41½ x 24 3/4	Map Profile	2
		Same as listed for 1876 Report Same as Canal Commissioners for 1877 except names			
		Steam Canal Boats - W. Baxter & W. Baxter Jr. - Patented September 15, 1874	10¼ x 8 3/4	Plan	44
		Fowler Clip Pulley	Reg. page	Plan	48-1
		Cable Tow-boat with Vertical Pulley & Moveable Guide Pulleys - 15 horse power J. Fowler & Company	Reg. page	Plan	48-2
		William Frick No. 1 & No. 2 (steam boat) H. M. Fuller, Draughtsman	14½ x 8 3/4	Plan	52
1878 Transmitted Jan. 30, 1879	A.D. 41	Profiles of the St. Lawrence & of the Erie Canal Routes between Lake Erie and Tide Water - at Albany & at Montreal	41¼ x 8½	Profile	34 or 24-1
		Welland Canal	10⅜ x 7	Map	24 or 34-2

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1878 cont.		Map showing connections of Champlain Canal with St. Lawrence, Ottawa & Rideau & Richelieu Canals of Canada	20¼ x 8½	Map	24 or 34-3
		Sketch of proposed apparatus for Maneuvering Lock Gates and Valves by Water Power Designed by E. Sweet Jr. 1879	38 3/4 x	Plan	60
1879 Transmitted March 12, 1880	A.D. 88	Profiles of the New York State Canals & Feeders showing elevations of the water surfaces above Tide Water & Junction of the Lateral Canals with the Erie 1879 & Map of the State of New York showing Canals & Railroads Horatio Seymour, Jr., S. E. S. Edward D. Smalley, Deputy S. E. S.	40 x 23	Profile Map	1-1
		Black River Reservoirs - sketch	14 3/4 x 8½	Map	1-2
		Sketch of Proposed Bisby, Woodhull Feeder	11 3/4 x 8	Map	1-3
		Plan for Cast Iron Feed Pipes South Lake Reservoir - Black River Canal	19¼ x 14	Plan	1-4
		Section of Present Canal " " Proposed Enlarged Canal	12½ x 7 3/4	Plan	1-5
		Middle Division of the Erie Canal-Map showing its Reservoirs, Feeders & Mechanical Structures & Profile D. Richmond, Del. 1880	55½ x 34¼	Map Profile	1-6
		Sketch showing location of Oil Creek, & Rockville Reservoirs; also a portion of the Genesee Valley Canal made with reference to their being retained for supplying water through the Genesee River feeder for Erie Canal	25 3/4	Map	1-7
		Profile of east end of western division showing amount of water used in locking boats east.	25 x 8¼	Profile	1-8
1880 Transmitted Jan. 12, 1881	A.D. 28	Profile of the New York State Canals & Feeders. Map of the State of New York showing its Canals and Railroads. 1880 Horatio Seymour, Jr., S. E. S. Edward D. Smalley, Dep'y S. E. S. Thomas Evershed, Western Div. Eng. John Bigwood, Res. Eng. Marvin Porter, Middle Div. Eng. Denison Richmond, Res. Eng. W. Scott Lasher Jr., Eastern Div. Eng. Henry Goold, Res. Eng.	25¼ x 42	Profile Map	1

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1880 cont.		Ralph R. Osgood's Boom Dredge Adapted to the Proposed Enlargement of the Erie Canal (rear view)	16 x 8½	Plan	16-1
		Ralph R. Osgood's Boom Dredge Adapted to the Proposed Enlargement of the Erie Canal (side view)	16 x 8½	Plan	16-2
		Device for Drawing Loaded Boats into Lock 52, Port Byron. In successful Operation Season of 1880	37½ x 24	Plan	56-1
		Proposed Reservoir at White Lake, 1880	32½ x 20	Map & Profile	56-2
		Plan of Elevation of Bulkhead		Plan	
		Plan of Road Bridge			
		Horatio Seymour Jr., S. E. A. Marvin Porter, Div. Engineer Denison Richmond, Res. Eng.			
		Western Division of the Erie Canal Map showing the Reservoirs, Feeders and Mechanical Structures & Profile, 1880	56½ x 35	Plan Profile	116
		Map - City of Rochester - Line of canal		Map	
		" - City of Buffalo - Line of Canal		Map	
		W. N. Radenhurst, Del. (in color)			
		Map of the Chain of American Lakes & Canals Connected Therewith. 1880	45 x 24	Map	148
		Map of the Proposed Northern Water Route from Lake Superior to the Red River of the North.		Map	
		Map of the St. Mary's Falls Canal.		Map	
		Profile and Map of the Fox and Wisconsin River Improvement		Map & Profile	
		Profile of Illinois and Michigan Canal And Illinois River from Chicago to Grafton showing locks and dams for its improvement.		Profile	
		W. N. Radenhurst, Del.			

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1881 Transmitted Jan. 27, 1882	S.D. 54	Profile of the New York State Canals and Feeders showing the elevation of the water surfaces above tide water and junction of the lateral canals with the Erie. Map of State of New York showing its Canals. 1881 Horatio Seymour, Jr., S. E. S.	38½ x 23 3/4	Profile Map	1-1
		New York State Canals, Eastern Division, 1881 Horatio Seymour, Jr., S. E. S. W. S. Lasker, Div. Eng.	48½ x 32	Profile	1-2
		Little Woodhull Lake Proposed Reservoir. Herkimer County. Reduced from Original Map. Survey of 1881 C. L. Phelps, Surveyor Marvin Porter, Div. Eng. D. Richmond, Del.	12 x 7 3/4	Map	90-1
		Gull Lake Proposed Reservoir. Herkimer County. Reduced from Original Map. Survey of 1881 C. L. Phelps, Surveyor Marvin Porter, Div. Eng. D. Richmond, del.	11 x 7 3/4	Map	90-2
		Twin Lakes Reservoir, Herkimer County. Reduced from Original Map. Survey of 1880 C. L. Phelps, Surveyor Marvin Porter, Div. Eng. D. Richmond, Del.	14⅛ x 7 3/4	Map	90-3
		Canachagala Lake Reservoir. Completed 1880. Herkimer County. Reduced from Original Map. Survey of 1880 C. L. Phelps, Surveyor Marvin Porter, Div. Eng. D. Richmond, Del.	17 x 7 3/4	Map	90-4
		Bisby Lake Reservoirs. Herkimer County Reduced from Original Map Survey of 1881 C. L. Phelps, Surveyor Marvin Porter, Div. Eng. D. Richmond, Del.	33 3/4 x 7 3/4	Map	90-5
		Fulton Chain. Hamilton County. Reduced from Original Map. Survey of 1881 C. L. Phelps, Surveyor Marvin Porter, Div. Eng. D. Richmond, Del.	36⅛ x 13 3/4	Map	90-6

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1882 Transmitted Jan. 11, 1883	S.D. 9	Profiles of the New York State Canals and Feeders showing the elevations of the water surfaces above tide water and junction of the lateral canals with the Erie Map of State of New York showing its Canals. 1882 Silas Seymour, S. E. S.	38½ x 23 3/4	Profile Map	123
1883 Transmitted Jan. 2, 1884	S.D. 9	None			
1884 Transmitted Jan. 26, 1885	A.D. 38	Profiles of the New York State Canals and Feeders showing the elevations of the water surfaces above tide water and junction of the lateral canals with the Erie Map of New York State showing its Canals. 1884	38½ x 23 3/4	Profile Map	137
1885 Transmitted Jan. 26, 1886	A.D. 44	None			
1886 Transmitted Jan. 20, 1887	A.D. 38	None			
1887 Transmitted Jan. 1888	A.D. 25	Map of Chautauqua Lake Outlet	20½ x 10½	Map	All listed under this year are in one separately bound packet
		Plan for Lengthening at the foot of Lock 46 (Erie Canal)	29⅛ x 14	Plan	
		No. 1 Plan of a Lift Bridge over Champlain Canal at Railroad St., Mechanicville, N. Y. Built in 1887	21⅛ x 14	Plan	
		No. 2 Plan of a Lift Bridge over the Champlain Canal at Railroad St., Mechanicville, N. Y. Built in 1887	21¼ x 15⅝	Plan	
		No. 3 Plan of a Lift Bridge over the Champlain Canal at Railroad St., Mechanicville, N.Y. Built in 1887	21 x 14⅛	Plan	
		No. 4 Plan of a Lift Bridge over the Champlain Canal at Rochester St., Mechanicville, N.Y. Built in 1887	22⅛ x 16 3/4	Plan	
1888 Transmitted Feb. 1, 1889	A.D. 58	None			

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1889 Transmitted March 3, 1890	A.D. 62	Progress Profile of Enlargement of the Champlain Canal. 1889 John Bogart, S. E. S.	69½ x 15¼	Profile	62
		Profile of the Oswego Canal, 1889 John Bogart, S. E. S.	32 x 8½	Profile	84
		Profile of Black River Canal and Feeders and Black River Improvement. 1889 John Bogart, S. E. S.	90 x 18	Profile	114
		Map showing Proposed New Bulkhead Line and Rock Cutting between State Dam and Troy R.R. Bridge. Hudson River. 1889	19½ x 14¼	Map	246
1890 Transmitted March 12, 1891	A.D. 66	Standard Sections Erie Canal, Section of Erie Canal with Slope Wall 1¼ to 1, Section of Erie Canal with Vertical Walls	Reg. page	Plan	15-1
		Standard Sections Champlain Canal, Section of Champlain Canal with Slope Walls 1¼ to 1, Section of Champlain Canal with Vertical Walls	Reg. page	Plan	15-2
		Profile of Front Angle of Proposed Canal Lockville, Wayne County. For combined lock	16 x 8½	Profile	44-1
		Map of Erie Canal, Lockville, Wayne County. Proposed new canal and combined lock	16 x 10	Map	44-2
		Watershed of the Genesee River showing Canals and Feeders in use and abandoned together with a portion of the watershed of the Allegany Watershed 1890. John Bogart, S. E. S. To accompany report on water supply of Genesee River Feeder. Transmitted Dec. 3, 1890 Aug. S. Kibbe, Asst. Eng. in charge	36 x 18½	Map	422-1
		Map showing Borings for Proposed Dam across the Genesee River above Rochester, New York. Taken under the direction of John Bogart, State Engineer Chas. B. Brush, E. C. Sept. 15, 1890	25 x 18¼	Map	422-2
		Map of portion of the Genesee River south of Mount Morris John Bogart, S. E. S. George I. Bailey, Asst. Eng. in charge	39 x 15¼	Map Profile	426
		Relation Between Capacity of Pond and Height of Dam on Genesee River above Mount Morris Relation Between Capacity of Pond and Area Flooded by Dams on Genesee River above Mount Morris Area Aug. S. Kibbe, Asst. Eng. in charge	21 3/4 x 17	Chart	457-1

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1890 cont.		Relation Between Rainfall in the Genesee Watershed and Flow of the River at Mount Morris June 17-Dec. 2, 1890. State of New York. Department of S. E. S. Aug. S. Kibbe, Asst. Eng. in charge	17 x 14	Chart	457-2
		Adjustments Afforded by Dams of Various Heights at Location 1. State of New York Department of S. E. S. Aug. S. Kibbe, Asst. Eng. in charge	17½ x 10 3/4	Chart	457-3
1891 Transmitted March 12, 1892	A.D. 75	Plan of Lock 4 Erie Canal as Enlarged in 1891 John Bogart, S. E. S. Aug. S. Kibbe, Asst. Eng. in charge	32 x 12½	Plan	402
		Sections of Steam "Consort" Barge running in Erie Canal, 1891	15 x 6½	Plan	416-1
		Simple Condensing Marine Engine - 14" and 16" H orizontal Boiler, as applied to Steam Canal Boats by Gordon W. Hall, Lockport, New York, 1891 John Bogart, S. E. S.	20 x 6½	Plan	416-2
		Simple Condensing Marine Engine - 14"-16" built by Norman and Evans successor to Pound Manufacturing Company, Lockport, N.Y. 1891 John Bogart, S. E. S. Aug. S. Kibbe, Asst. Eng. in charge	17½ x 14 3/4	Plan	416-3
		Steeple Compound Marine Engine, 10" and 18 x 14 built by Henry G. Trout, Buffalo, N.Y. 1891 John Bogart, S. E. S. Aug. S. Kibbe, Asst. Eng. in charge	15½ x 8	Plan	416-4
		Sketch of "double header" system of towing as introduced by Mr. William Frick, Chester, Pennsylvania	Reg. page	Sketch	422
		Unlabeled sketch (described on following page as connecting arm in coupling two boats for steam towing)	Reg. page	Sketch	424
		Unlabeled sketch of 4 boats as rigged for Hudson River Towing	Reg. page	Sketch	427
		W. Baxter and W. Baxter Jr. Steam Canal Boats. Patented Sept. 15, 1874	9 x 8	Plan	428-1
		Model of the "Planet Line" Steam Canal Boats. Built by B. F. Taber, Ithaca, N. Y. 1890	Reg. page	Plan	428-2

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1891 cont.		Model of the Steam Canal Boat "Hugo Keller" Built by B. F. Taber, Ithaca, N. Y. 1890	Reg. page	Plan	428-3
		Vertical Magazine Boiler, with shaking grate, as applied to Steam Canal Boat by G. W. Hall, Lockport, N.Y . 1891	Reg. page	Plan	430
		Sketch showing wear on shaft of propeller due to debris in the bottom of the canal	Part reg. page	Sketch	444
		Illinois & Michigan Canal Plan of Locks No. 14 & 15, each 12½ feet lift	14 x 9½	Plan	476
		Unlabeled sketch of towing system on the Ohio and Mississippi Rivers	Part reg. page	Sketch	491
1892 Transmitted Jan. 18, 1893	A.D. 35	Profiles of the New York State Canals and Feeders. 1892. Reproduced from Report of 1886. Map of the State of New York showing its Canals 1892.	39 3/4 x 24¼	Profile Map	1
		Progress Profile of Enlargement of the Champlain Canal and Glen Falls Feeder, 1892. John P. Kelly, Div. Eng. Martin Schenck, S. E. S.	35½ x 8 3/4	Profile	91
1893 Transmitted Jan. 22, 1894	A.D. 21	Survey of the Troy Dam 1892-1893	35½ x 19½	Map Profile	10
		Genesee River Storage Surveys. Map of the Vicinity of Dam Site No. 2 and the Hogback, showing General Location of Dams proposed for those points. 1893 M. Schenck, S. E. S. Geo. W. Rafter, Eng. in charge	27 x 17½	Map	44
		The Genesee Valley Just Below the Village of St. Helena	Reg. page	Photo.	46
		A General View of the Hogback and Horseshoe Bend (Genesee River)	Reg. page	Photo.	48
		Genesee River Storage Survey. Cross Sections at Dam Sites Nos. 1 and 2 and the Hogback. Location showing outline Elevations of proposed Dams 130 feet in height. 1893 M. Schenck, S. E. S. Geo. W. Rafter, Eng. in charge	23 x 8	Plan	50
		A General View of the Hogback from the West High Bank (Genesee River)	Reg. page	Photo.	52

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1893 cont.		Genesee River Storage Surveys. Section of Masonry Dam applicable to Site No. 1. 130 feet in height. 1893 M. Schenck, S. E. S. Geo. M. Rafter, Eng. in charge	23 x 15	Plan	408
		Genesee River Storage Surveys. Section of Masonry Dam applicable to Site No. 2 1893 M. Schenck, S. E. S. Geo. M. Rafter, Eng. in charge	15½ x 14	Plan	412
		Genesee River Storage Surveys. Section of Masonry Dam applicable to Sites Nos. 1 and 2. 58 feet in height. 1893 M. Schenck, S. E. S. Geo. M. Rafter, Eng. in charge	18 x 10¼	Map	414
		Genesee River Storage Surveys. General Section of Earth Dam applicable to the Hogback Location. 130 feet in height. 1893 M. Schenck, S. E. S. Geo. M. Rafter, Eng. in charge	30 x 10	Map	418
		Genesee River Storage Surveys. General Section of Earth Dam applicable to the Hogback Location. 58 feet in height. M. Schenck, S. E. S. Geo. M. Rafter, Eng. in charge	19 x 10	Map	426
		A General View of Dam Site No. 1, Looking Down the River (Genesee)	Reg. page	Photo.	428
		A General View of Dam Site No. 2, Looking Down the River (Genesee)	Reg. page	Photo.	432
		Sounding and Drilling Operations at Dam Site No. 2 (Genesee)	Reg. page	Photo.	434-1
		Another View at Dam Site No. 2. (Genesee River)	Reg. page	Photo.	434-2
		Diamond Drill Sinking Horizontal Hole at Dam Site No. 2. (Genesee River)	Reg. page	Photo.	436
		West End of Hogback. (Genesee River)	Reg. page	Photo.	438
		General View of Plant as Used at the Hogback. (Genesee River)	Reg. page	Photo.	440
		Unlabeled map. Names which appear on it are Elmira, Tioga, Ashland, Southport. Several streams with Big Island (See map below)	13 x 10	Map	460-4

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1894 Transmitted Jan. 26, 1895	A.D. 89	Profile of the Erie Canal Showing Lengthened Lock. 1894	Reg. page	Profile	24-1
		Profile of the Oswego Canal showing Lengthened Locks. 1894	Reg. page	Profile	24-2
		Profile of Champlain Canal Showing improved Sections. 1894	Reg. page	Profile	24-3
		Five Combined Locks at Lockport	Reg. page	Photo	24-4
		Five Combined Locks at Lockport, Looking West	Reg. page	Photo	28-1
		Unlabeled drawing. Inventor Thomas P. Milligan (Details of the Milligan Electric System for Canal Boat Propulsion)	Reg. page	Drawing	28-2
		Unlabeled Drawing. Inventor Thomas P. Milligan (see note above)	Reg. pa ge	Drawing	28-3
		Unlabeled drawing. Inventor Thomas P. Milligan (see note above)	Reg. page	Drawing	28-4
		The Milligan Electric Towing System Details of Track Construction	Reg. page	Drawing	44-1
		Milligan's System of Electrical Towing	Reg. page	Sketch	44-2
		Progress Map of New York showing Atlas Sheets surveyed by the U.S. Geological Survey in cooperation with the State Engineer and Surveyor, Albany, N.Y., Dec. 1894	11⅛ x 8½	Map	48-1
		Triangulation in New York. U.S. Geological survey: other surveys	11½ x 11½	Map	48-2
		Plan of the Forestport Dam	15 3/4 x 12	Plan	64-1
		Map of the Forestport Reservoir at the Head of Forestport Pond	18 x 11	Map	64-2
		Sketch Showing Rebuilt Culvert conveying Waters of Rocky Rift Feeder under Indian Castle Creek. Inset: Old Culvert of Six Openings with Waterway of 96 sq. ft. The New Culvert has three Openings with Waterways of 209 sq. ft. R. L. Adams	Reg. page	Sketch	192-1
		Sansai Kill Aqueduct	Reg. page	Photo.	192-2
		Dilapidated Waste Weir near Schenectady, N.Y. From a photograph R. L. Adams	Reg. page	Sketch	192-3

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1894 cont.		Proposed New Waste Weir with Steel Bulkhead at Fort Herkimer, N.Y. R. L. Adams	Reg. page	Sketch	192-4
		Sketch Showing Manner of Rebuilding State Dam Across the Mohawk River at Cohoes, N.Y. 1893-1894 R. L. Adams	Reg. page	Sketch	192-5
		Shinnecock and Peconic Canal, Long Island N. Y. R. L. Adams	Reg. page	Sketch	192-6
		Auriesville Aqueduct	Reg. page	Photo.	192-7
		Fort Herkimer Waste Weir, near Lock 41	Reg. page	Photo.	192-8
		Standard Plan of Steel Bulkhead. N.Y. State Canals A. M. Evans	11 3/4 x 8½	Plan	196
		Clinton Street Lift Bridge. Over Erie Canal, Syracuse, N.Y.	Reg. page	Photo.	246-1
		Clinton Street Lift Bridge. Over Erie Canal, Syracuse, N.Y.	Reg. page	Pla n	246-2
		Clinton Street Lift Bridge. Over Erie Canal, Syracuse, N.Y.	Reg. page	Plan	246-3
		Bridge over the Oswego Canal at Syracuse N.Y.	Reg. page	Photo.	246-4
		N orth Salina Street Lift Bridge over the Oswego Canal at Syracuse, N.Y.	Reg. page	Photo.	246-5
		Stone Dam Across the Seneca River at Baldwinsville, Constructed 1893-1895	17⅛ x 11	Plan	248
		Proposed Steel Apron for Braddocks or Battle Island Dam Across the Oswego River R. L. Adams	Reg. page	Sketch	256
		Genesee River Storage Surveys, 1894. Diagram Showing the Relationship of the Flow of the Genesee River at Mount Morris and Rochester to the Rainfall and Temperature. C. W. Adams, S. E. S. Geo. W. Rafter, Eng. in charge	29 x 22½	Diagram	336-1
		Genesee River Storage Surveys, 1895. Diagram Showing relation of the Flow of the Genesee River at Mount Morris and Rochester to Rainfall and Temperature Campbell W. Adams, S. E. S. Geo. W. Rafter, Eng. in charge	17½ x 12	Diagram	336-2

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1894 cont.		Diagram showing Relative Strength of Concrete Blacks set in Water and in Air. To accompany Reports on Genesee River Storage Surveys. Geo. W. Rafter, Engineer in Charge	11 x 10½	Diagram	340
		Diagram Showing the Tensile Strength of Empire and Wayland Portland Cement. To Accompany Report on Genesee River Storage Surveys Geo. W. Rafter, Eng. in charge	21 x 11	Diagram	342
		Plate II Illustrating Pyramidal Fracture of concret Blocks	Reg. page	Photo.	346
		Plate I (sic) Illustrating Pyramidal Fracture of Concrete Blocks	Reg. page	Photo.	348
		Plate III Conditions of Concrete Blocks Exposed to Freezing. March 17, 1894	Reg. page	Photo.	354
		Diagram Showing Flow of Genesee River at Rochester, N.Y. I. Y. McClinstock, City Surveyor Geo. W. Rafter, Eng. in charge	25 x 11	Diagram	374
		Plate I Department of the State Engineer and Surveyor, 1894. General View of a Bascule Bridge in use at Amsterdam, Holland	16 x 8½	Plate or Plan	400-1
		Plate II Department of the State Engineer and Surveyor, 1894. General views of a Bascule Bridge in use at Amsterdam, Holland	12½ x 8½	Plate or Plan	400-2
		Plate III Department of the State Engineer and Surveyor, 1894. Detail of a Bascule Bridge in use at Rotterdam, Holland	16 x 8½	Plate or Plan	400-3
		Plate IV Dapartment of the State Engineer and Surveyor, 1894. General Plans of the Lift Bridge in the Rue de CRIMEE, Paris, France.	16½ x 8½	Plate or Plan	400-4
		Plate V An English Street with Long Grade Approach	Reg. page	Photo.	408-1
		Plate VI Highway crossing over Canal in England	Reg. page	Photo.	408-2
		Plate VII Highway Bridge over Manchester Ship Canal	Reg. page	Photo.	408-3
		Plate VIII The Tower Bridge with Bascule Closed	Reg. page	Photo.	408-4

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1894 cont.		Plate IX Another View of Tower Bridge with Bascule Closed	Reg. page	Photo.	412-1
		Plate X Tower Bridge with Bascule Partly Open	Reg. page	Photo.	412-2
		Plate XI Tower Bridge with Bascule Fully Open	Reg. page	Photo.	412-3
		Plate XII Old Form of Single Bascule as used in Holland	Reg. page	Photo.	412-4
		Figure 1 Single Leaf Bascule at the Liverpool Docks Figure 2 Rolling Bridge at the Liverpool Docks Figure 3 Suggestion for Bascule adapted to the Erie Canal	Reg. page	Sketch	412-5
		Figure 4 An Open Bascule	Reg. page	Sketch	412-6
		Plate XIII Old Form of Double Bascule Bridge as Used in Holland	Reg. page	Photo.	416-1
		Plate XIV A Modern Bascule Bridge in the City of Rotterdam, Holland	Reg. page	Photo.	416-2
		Plate XV Another Bascule Bridge at Rotterdam, Holland	Reg. page	Photo.	416-3
		Plate XVI Street Scene in Rotterdam. Open Bascule Bridge at Left of Center	Reg. page	Photo.	416-4
		Plate XVII The Rialto Bridge at Venice	Reg. page	Photo.	416-5
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		Report on an Enlarged Canal via the Oswego Route. Map of Proposed Location Albert J. Himes, Res. Eng. Eastern Div. N.Y.S. Canals	31 3/4 x 8 3/4	Map	86-1
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		Upper Hudson Storage. 1895. Diagram showing the Relation of the Flow of the Hudson River at Mechanicville to the Rainfall and Mean Temperature. From October 1877 to December 1889 inclusive C. W. Adams, S. E. S. Geo. W. Rafter, Eng. in charge	38¼ x 10 3/4	Diagram	104-1
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		Upper Hudson Storage. 1895. Diagram showing the Relation of the Flow of the Hudson River at Mechanicville to the Rainfall, Mean Temperature, and to the Rise and fall of Tides at Albany. From January 1894 to November 1895, inc. C. W. Adams, S. E. S. Geo. W. Rafter, Eng. in charge	33 x 10 3/4	Diagram	104-4
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		Hudson River Storage. 1895. Profile of the Hudson River from Feeder Dam at Glens Falls to North River Village. Surveyed September 1895 by F. N. Sanders, C. E. C. W. Adams, S. E. S. Geo. W. Rafter, Eng. in charge	35¼ x 9	Profile	124
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	Plate I	1896 Erie Canal Enlargement Map of the Main Water Front of the City of Buffalo showing the Relation of the City Sewerage System to the Erie Canal its Slips, Basins and Branches, as well as the Buffalo & Black Rock Harbors. Compiled from the Records of the City Engineer's Office C. W. Adams, S. E. S. Geo. W. Rafter, Eng. in chg.	51½ x 15¼	Map	193

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		1896 Genesee Storage Surveys, Topographical Map of the Proposed Portage Reservoir Surveyed August, September and October, 1896. Topography by Frank Sutton, Topographer U.S. Geological Survey. Transit work by Wallace Greenalch, Asst. Eng. C. W. Adams, S. E. S. Geo. W. Rafter, Eng. in chg.	21½ x 6	Map	624
		1896 Genesee Storage Surveys, Topographical Map and Profile of the Changes in Location of the Western New York and Pennsylvania Railroad on account of the Proposed Portage Reservoir. Surveyed September, 1896. Topography by Wallace Greenalch, Assistant Engineer C. W. Adams, S. E. S. Geo. W. Rafter, Eng. in chg.	67½ x 11½	Map Profile	640

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		Fig. 7 View of upper end of tunnel through Vyrnwy Dam before insertion of discharge pipes and brick bulkheads	Reg. page	Photo.	800-77
		Fig. 8 View of supporting arches of roadway across Vyrnwy Dam from upper side	Reg. page	Photo.	800-78
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		Fig. 15	Section of Lake Thurlmere Dam showing method of constructing foundation	Reg. page	Photo.	800-85
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1897 Transmitted Feb. 7, 1898	A.D. 67	Canal Improvement. Profiles of the Erie, Champlain and Oswego Canals, showing location, numbers, and extent of contracts; those completed, under construction and those yet to be awarded; together with the names of the several contractors, to April 1, 1898		16 3/4 x 9	Profile	44
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		Unlabeled sketch of bench mark plugs Fig. 1		Reg. page	Sketch	96-1
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		View showing condition of Mohawk River bed at Rexford Flats Dam	Reg. page	Photo.	460-4
		View of Prism in village of Fort Plain, showing new vertical wall on berme side and old vertical wall with concrete underpinning on towing-path side	Reg. page	Photo.	460-5
		Specimen of old vertical wall near Camillus Road Bridge, Middle Division	Reg. page	Photo.	460-6
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		Showing strata of Marl and Quicksand near Warners, N.Y. Middle Division	Reg. page	Photo.	460-8
		Showing caving in of the towing path at Newport, N.Y. Middle Division	Reg. page	Photo.	460-9
		Showing concrete walls between Lock 46 and Whitesboro Street, at Utica, N.Y., Middle Division	Reg. page	Photo.	460-10
		Showing method of excavating canal prism near Centerport, N.Y. Middle Division	Reg. page	Photo.	460-11
		General view of canal prism near Warners, Middle Division	Reg. page	Photo.	460-12
		Method of underpinning berme abutment of Beaver Street Bridge at Jordan, N.Y. Middle Division	Reg. page	Photo.	460-13
		New vertical wall between West Genesee Street and Marsh Road at Syracuse, N.Y. Middle Division	Reg. page	Photo.	460-14
		General view of canal work through the quicksand, near Warners, N.Y. Middle Div.	Reg. page	Photo.	460-15

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1897 cont.		Showing struts placed in canal bottom to sustain slope walls through quicksand, near Warners, N.Y. Middle Division	Reg. page	Photo.	460-16
		Truss used to brace Abutments to prevent sliding into Prism at Newport, N.Y. Middle Division	Reg. page	Photo.	460-17
		Showing old and new Vertical Berme Walls and Bridge Abutment with Underpinning, at Oriskany, N.Y. Middle Division	Reg. page	Photo.	460-18
		Specimen of old Slope Wall near Oriskany, N.Y. Middle Division	Reg. page	Photo.	460-19
		Old Vertical Wall near Syracuse weigh lock showing characteristic disintegration	Reg. page	Photo.	460-20
		Specimen of old Vertical Wall between Rome and Oriskany. Middle Division	Reg. page	Photo.	460-21
		Showing new Slope Wall and Excavator at work near Warners, N.Y. Middle Division	Reg. page	Photo.	460-22
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		Lock 51, Black River Canal-showing effect of time on structure	Reg. page	Photo.	460-25
		Disintegrated masonry of Lock 51, Black River Canal	Reg. page	Photo.	460-26
		Disintegrated masonry of Lock 51, Black River Canal.	Reg. page	Photo.	460-27
		Characteristic piece of old road to Woodhull Lake Reservoir in the Adirondacks	Reg. pa ge	Photo.	460-28
		Old road from North Lake to Canachagala Lake Reservoir-Not very good, even for the Adirondacks?	Reg. page	Photo.	460-29
		New road to South Lake Reservoir	Reg. pa ge	Photo.	460-30
		New road to Sand Lake Reservoir	Reg. page	Photo.	460-31
		New road to Sand Lake Reservoir	Reg. page	Photo.	460-32
		New road from North to South Lake	Reg. page	Photo.	460-33
		Vertical wall work, Slip No. 3 to Station 208	Reg. page	Photo.	460-34

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1897 cont.		Contract No. 1-Division wall between Black Rock Harbor and Erie Canal, as of August 7, 1897. Canal excavated to New Grade	Reg. page	Photo.	460-35
		Contract No. 1 Portion of Canal, vicinity of Fort Porter Station 128-132. Shows Spoil bank and completed section of Canal, August 7, 1897	Reg. page	Photo.	460-36
		Contract No. 1-Work in vicinity of Hudson St. Typical below	Reg. page	Photo.	460-37
		Contract No. 1-Drilling rock, vicinity Station 180, Section below	Reg. page	Photo.	460-38
		Contract No. 1-Work in vicinity of State Yard, Buffalo cross section showing heavy rock cutting	Reg. page	Photo.	460-39
		Contract No. 1-View of Canal, Station 193 to 200, August 7, 1897, showing condition of bottom just before water was let in. This portion was left to be dredged, being all earth, the row of Piling at the right was placed to retain old wall, which had its foundation three feet above grade. Cross section showing average deposit	Reg. page	Photo. & Sketch	460-40
		Contract No. 1. Excavating rock near Station 185. Section of excavation shown below	Reg. page	Photo. & Sketch	460-41
		Contract No. 1. Pile and sheet pile protection, in front of old Vertical Wall, west side of Canal from Station 195 to 199 + 50. Section shown	Reg. page	Photo. & Sketch	460-42
		Contract No. 1-Stone deposited along Niagara River side Bird Island Pier. Stone from excavation in Erie Canal	Reg. page	Photo.	460-43
		Bird Island Pier, Buffalo-showing effect of the gale on Lake Erie, November 5, 1897. The Rip Rap deposited during the summer of 1897 was almost entirely washed away. Stone either carried into Niagara River by undertow or washed over the pier into Black Rock Harbor.	Reg. page	Photo.	460-44
		Bird Island Pier, Buffalo-showing effect of the gale on Lake Erie, November 5, 1897. The Rip Rap deposited during the summer of 1897 was almost entirely washed away. Stone either carried into Niagara River by undertow or washed over the pier into Black Rock Harbor	Reg. page	Photo.	460-45

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1897 cont.		Bird Island Pier, Buffalo-showing effect of the gale on Lake Erie, November 5, 1897. The Rip Rap deposited during the summer of 1897 was almost entirely washed away. Stone either carried into Niagara River by undertow or washed over the pier into Black Rock Harbor	Reg. page	Photo.	460-46
		Contract No. 1-Typical section of old vertical wall, composed of two face walls filled in center with Spalls. Note difference in width of base of old wall and new one just started; also that on removing earth back of wall the rear face bulged inward, due to absence of bond	Reg. page	Photo. & Sketch	460-47
		Contract No. 1-Excavation near Slip No. 3 Station 203+75. Average cross section at this point shown above. Note average cutting of 4.8 feet for width of 157 feet. This material is largely made up of Deposit from Genesee Street Sewer	Reg. page	Photo. & Sketch	460-48
		Contract No. 1-View of ruined coffer dam Slip No. 3, and new dam in process of construction. On March 14, 1897, in the afternoon, the original knee dam gave away, due to extreme high water in Lake Erie, caused by a gale	Reg. page	Photo.	460-49
		Contract No. 1-Spoil bank between Jersey and Georgia Streets. Area Covered 275+800 feet, from 10 to 35 feet high	Reg. page	Photo.	460-50
		Contract No. 1-Underpinned vertical wall, Station 171+50 to 174. Slid out on November 5, 1897. Photo shows original poor construction. It was due to this and to heavy load of concrete blocks (not shown on photo) placed there for shipment to Buffalo breakwater	Reg. page	Photo.	460-51
		Contract No. 1-View in front of Buffalo Sand Stone Company's Works, Station 210, showing manner in which vertical walls are overloaded by parties occupying land adjacent. Large deposits of sand at this point formed by waste from stone saws.	Reg. page	Photo.	460-52
		Contract No. 1-Rebuilding walls near Genesee Street, Buffalo	Reg. page	Photo.	460-53
		Contract No. 1-Timber driveways on mud to prevent teams miring; 5,100 lineal feet of this form of driveway was laid using 336,000 feet (B.M.) of plank	Reg. page	Photo.	460-54

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1897 cont.		Contract No. 1-View of ruined coffer dam Slip No. 3, and new dam in process of construction. On March 14, 1897, in the afternoon, the original knee dam gave away, due to extreme high water in Lake Erie, caused by a gale. This view shows progress of work on new crib coffer dam, Nineteen hours after failure of the other, at 3 P.M., March 19th, crib was in place and filled and pumps started to drain the level.	Reg. page	Photo.	460-55
		Contract No. 1-Junction of new and old wall, Station 87	Reg. page	Photo.	460-56
		Contract No. 1-General view of work from Hudson Street Bridge, South. The underpinned wall on the left from ladder to beyond the incline, caved in November, 1897, about four months after water was let in. In the scope of this view three pumps were maintained, one centrifugal and two Worthingtons.	Reg. page	Photo.	460-57
		Contract No. 1-View of Erie Basin, showing canal boat blocking the approach to docks. Due to their being unable to occupy other portions of the basin on account of insufficient depth of water and numerous wrecks	Reg. page	Photo.	460-58
		Contract No. 1-View showing method of underpinning old vertical wall; portion at left blocked up and section undermined; at right, section underpinned. At this point the timber foundation was within one foot of rock bottom, a common occurrence.	Reg. page	Photo.	460-59
		Contract No. 1-View of old wall illustrates general conditions through Buffalo, and demonstrates the futility of attempt- to underpin	Reg. page	Photo.	460-60
		Contract No. 1-Division wall between Black Rock Harbor and the Canal, showing old cribs resting on earth, five to six feet above bed of canal. Head of water on other side. Eight feet. View taken August 7, 1897, Station 127	Reg. page	Photo.	460-61
		Contract No. 1-Albany Street storm overflow sewer, shows effect on bottom of canal, displacing material in bottom	Reg. page	Photo.	460-62

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		Contract No. 1-View of bed of canal, August 7, 1897. Ferry Street to Water-Works, Station 83 to 125. International Bridge in distance	Reg. page	Photo.	460-64
		Contract No. 1-Commercial Street Coffer Dam; Commercial Street Bridge Overhead	Reg. page	Photo.	460-65
		Contract No. 1-View of old vertical wall with timber foundation on Rock Station 217. A large portion of the vertical wall in Buffalo was on timber foundation resting on rock or within a few inches of the rock. Timbers were roughly hewed, and in many cases so round that they rolled out when material was taken from in front of them, letting walls down.	Reg. page	Photo.	460-66
		Contract No. 1-Rebuilding walls near Grand Trunk Freight House, between Charles and Erie Streets.	Reg. page	Photo.	460-67
		Contract No. 1-Walls in vicinity Commercial Street, Buffalo	Reg. page	Photo.	460-68
		Contract No. 1-Driving sheet piling in front of vertical walls near Commercial Street, Buffalo, to protect walls and buildings after deepening is completed. This section of the canal was filled with sewage, which could only be removed by Dredging	Reg. page	Photo.	460-69
		Contract No. 1-Walls in vicinity of Commercial Street	Reg. page	Photo.	460-70
		Contract No. 1-Erie Street Bridge, East end, showing undermined Abutment wall, caused by break in city sewer during heavy rain storm on July 10, 1897.	Reg. page	Photo.	460-71
		Contract No. 1-Erie Street Bridge, west end. This bridge fell in canal July 10, 1897, due to defective sewer undermining north Abutment, while work was being underpinned	Reg. page	Photo.	460-72
		Contract No. 1-Slip No. 1, August 7, 1897 just before water was let in. Coffer Dam in place at end of Slip	Reg. page	Photo.	460-73

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		Contract No. 1-Defective Dock, Slip No. 2, showing Condition Before Work of Bottoming out and Rebuilding Dock commenced.	Reg.page	Photo	460-75
		Contract No. 1-Western Division-Slip No. 2, at Buffalo, showing new Timber Cribs and Wall	Reg.page	Photo	460-76
		Contract No. 1-Slip No. 2; New Vertical Walls on Cribs (Note Old Construction at End of Wall on Right)	Reg.page	Photo	460-77
		Contract No. 1-Slip No. 2, New North Wall and Cribs	Reg.page	Photo	460-78
		Contract No. 1-Slip No. 2, Showing Completed Wall. Section of Wall shown at side. (This view is reversed)	Reg.page	Photo	460-79
		Contract No. 2-Finished Wall, Pendleton, March 29, 1897. Vertical Wall on Pile Foundation at Pendleton, 3,500 feet long	Reg.page	Photo & Sketch	460-80
		Contract No. 2-Wall and Cribs Pushed Out of line near Black Rock, held from further sliding by 3-inch Iron Dowels in Rock in front of Cribs	Reg.page	Photo & Sketch	460-81
		Contract No. 2-Cribs at Timber yard near Ferry Street, Buffalo, June 11, 1897. Old Wall at this point slid into Canal and was rebuilt with Timber Cribs and Wall on top. Trouble caused by building of City Sewer	Reg.page	Photo	460-82
		Contract No. 2-Sinking Crib at Manning's Malt House, June 11, 1897	Reg.page	Photo	460-83
		Contract No. 2-Crib and Vertical Wall Work at Black Rock. Shows Anchor Rods from Cribs to "Dead Men" in Solid Earth	Reg.page	Photo	460-84
		Contract No. 3-Skip Cars being loaded (Lockport)	Reg.page	Photo & Sketch	460-85
		Contract No. 3-Loading Rock in Lockport	Reg.page	Photo & Sketch	460-86
		Contract No. 3-Dam in "Rock Cut" to keep water off work during the day. Surplus water wasted over work each night	Reg.page	Photo	460-87

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		Contract No. 7-Near Medina. Note the Condition of old walls and number of places that have fallen down. No work of Deepening yet done here	Reg.page	Photo	460-89
		Contract No. 7-Near Medina. Note the Difference in character of Old and New Wall	Reg.page	Photo	460-90
		Contract No. 7-Near Medina. Old Wall with Timber Coping. No deepening done yet, but Old Walls falling down	Reg.page	Photo	460-91
		New Head Wall, Medina Road Culvert	Reg.page	Photo	460-92
		South side Porter Avenue Bridge, Buffalo, N.Y. Length of span, 186 feet; width, 100 feet; width of roadway, 50 feet; width of walks, 25 feet; clear height at center above water surface, 26½ feet	Reg.page	Photo	460-93
		Contract No. 1-Completed Work, Vicinity of Porter Avenue, August 7, 1897	Reg.page	Photo	460-94
		Newark Waste-Weir - Inlet Side	Reg.page	Photo	460-95
		Cartersville Waste-Weir - Original structure. Rebuilt Winter 1896-7	Reg.page	Photo	460-96
		Contract No. 4-Cartersville Waste-Weir Rebuilt Winter 1896-97; 961 cubic yards masonry; 268 cubic yards concrete; Cost, $11,097.47	Reg.page	Photo	460-97
		Cartersville Waste-Weir - Showing Tow-Path Bridge	Reg.page	Photo	460-98
		Contract No. 1-McMyler Revolving Derricks. One machine passing Skip to the other section shown below	Reg.page	Photo & Sketch	460-99
		Contract No. 2-Small Dredge, 4 foot draught, ½ yard dipper, used for dredging under bridges and in cramped positions	Reg.page	Photo	460-100
		Contract No. 2-Skidding Large Dredge from Niagara River into the Canal for work in Tonawanda Creek. Dredge too large for Locks	Reg.page	Photo	460-101
		Contract No. 2-Skidding Dredge from Niagara River into Canal	Reg.page	Photo	460-102

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		Contract No. 5-Eastern Division-Osgood Dredge Used by Krummelkamp and Lane	Reg. page	Photo	460-105
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		Contract No. 5-Driving Piles at foot of Slope Walls with water in Canal	Reg. page	Photo	460-107
		Contract No. 5-Drill Boat at B lack Rock drilling in front of Cribs on rock and placing 3-inch Iron Dowels in Holes to prevent Cribs sliding.	Reg. page	Photo	460-108
		Contract No. 5-Derrick Boat for unloading gravel, stone, etc. Designed and built by Grannis and O'Conner, contractors, length of hull, 90 feet; width of hull, 17 feet; length of boom, 35 feet; 3/4 inch steel wire cable for swinging; ½ cubic yard bucket; H. B. Boiler; coal consumption, ½ ton in 24 hours	Reg. page	Photo	460-109
		Contract No. 1-Excavating rock and earth vicinity Station 120. Two McMyler revolving Derricks, 55 foot boom, 1½ yark Skip, 50 laborers, 5 skilled men. Average yardage, 10 hours, about 400 cubic yards. Typical section shown below	Reg. page	Photo & Sketch	460-110
		Contract No. 3-Dredging in Skips	Reg. page	Photo	460-111
		Contract No. 5-Dredge No. 2. Machinery made by Jno. Featherstone and Son, Chicago, Ill. Machinery designed by Racine Dredging Co., H. B. Whitney, foreman. Length of hull, 70 feet; width of hull, 17 feet, 6 inches; width of pontoons, 5 feet; length of boom, 35 feet; size of bucket, 1 3/4 cubic yards, 7/8 inch steel wire cable for hoisting; 3/4 inch steel wire cable for swinging; steam spud, hoists with 3/4 inch steel wire cable; 50 horsepower locomotive broiler; coal consumption, 3 tons in 24 hours.	Reg. page	[illegible]	460-112
		Contract No. 12-Osgood Excavator used by Shear and Haight	Reg. page	Photo	460-113

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1897 cont.		Contract No. 10-Champlain Canal. Elevator Dredge used by Mahan and Sunstrome	Reg.page	Photo	460-14
		Showing Trestle and Dump cars used in Excavating through the City of Utica, N.Y., Middle Division	Reg.page	Photo	460-15
		Contract No. 1-Hoisting material from Canal on cars with McMyler Revolving Derricks	Reg.page	Photo	460-16
		Contract No. 1-Slip No. 2, Walls. Diver descending for loose rock in channel	Reg.page	Photo	460-17
		Contract No. 1-Pumping plant near waterworks, one 6-inch centrifugal pump in Canal. One 12-inch in boat. Steam from boat "Rambler," in Black Rock Harbor	Reg.page	Photo	460-18
		Excavator at work near Rome, N.Y. Middle Division	Reg.page	Photo	460-19
		Steamer "Lillian" used on Western Division Summer of 1897, for general inspection work, and by engineers stationed on Contract No. 2, Tonawanda Creek work	Reg.page	Photo	460-120
		Contract No. 2-Dredging Canal at Black Rock	Reg.page	Photo	460-121
		Contract No. 2-Drill boat, B. D. Co., July 8, 1897	Reg.page	Photo	460-122
1898 Transmitted Jan. 30, 1899	A.D. 72	Canal Improvement Profiles of the Erie, Champlain, and Oswego Canals, showing location, number and extent of contracts; those completed, under construction and those yet to be awarded; together with the names of the several contractors, to April 1, 1898	29 x 16½	Profile	32
		Progress Map of New York showing Atlas Sheets surveyed by the U. S. Geological Survey in cooperation with the State Engineer and Surveyor, Campbell W. Adams, Jan. 1, 1899	11 x 9	Map	64
		West Avenue Bridge, Rochester	Reg.page	Photo	198
		Longitudinal Section of Exchange Street Bridge	19½ x 8½	Plan	200-1
		New Exchange Street Bridge, Rochester. Built 1898	Reg.page	Photo	200-2

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1898 cont.		Improved Channel, Cuba Reservoir Outlet (Chap. 607, Laws of 1898)	Reg.page	Photo	204-1
		Improved Channel, Cuba Reservoir Outlet (Chap. 607, Laws of 1898)	Reg.page	Photo	204-2
		Section of Black River Canal	Reg.page	Plan	470-1
		Section of Black River Canal Feeder, Descent seven inches per mile	Reg.page	Plan	470-2
1899 Transmitted Jan. 19, 1900	A.D. 39	Canal Improvement, Profiles of the Erie, Champlain, and Oswego Canals, showing location, numbers and extent of contracts; those completed, under construction and those yet to be awarded; together with the names of the several contractors, to April 1, 1898	30x 17	Profile	16
		Progress Map of New York showing Atlas Sheets surveyed by the U. S. Geological Survey in cooperation with the State Engineer and Surveyor, Edward A. Bond, Progress to Jan. 1, 1900	11 x 9	Map	80
1900 Transmitted Jan. 1, 1901	A.D. 54	Progress Map of New York showing Atlas Sheets surveyed by the U. S. Geological Survey in cooperation with the State Engineer and Surveyor, Edward A. Bond, Progress to Jan. 1, 1901	10 x 8	Map	194
		Note: This report contains Gauging on the Streams of New York State for the year 1900. This work was done primarily for the U. S. Geological Survey, but does involve CANALS in places. Some photographs show canals and canal structures and are included below	Varies	Profile	309 to 428
		State Dam on Mohawk River at Rexford Flats, Saratoga County, N.Y.	Reg.page	Photo	372
		N. Y. State High Dam on Oswego River, three miles from Lake Ontario, Oswego County, N.Y.	½ Reg.page	Photo	390
		Fort Hunter Dam on Schoharie Creek, Montgomery County, N.Y. during low water	Reg.page	Photo	404
		Tailrace, Morris Machine Works, Baldwinsville, Onondaga County, N.Y., showing leakage.	Reg.page	Photo	416
		Map of State of New York showing Gauging Stations maintained during the year 1900. Edward A. Bond, S.E.S. of New York	8½ x 7½	Map	428

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1900 cont.		No. 1 1899 Erie Canal Enlargement Committee on Canals of State of N.Y. Topographical map showing location of several possible new routes for Erie Canal from Newark to Rome Level. Scale 1/45000. Wallace Greenalch, Asst. Eng. To accompany report by Geo. W. Rafter accompanying Annual Report for 1900, Edward A. Bond, S.E.S of N.Y.	53 x 14	Map	Packet in back of report
		No. 2 1899 Erie Canal Enlargement Committee on Canals of State of N.Y. Profile of proposed Southern High Level Route. Wallace Greenalch, Asst. Eng. To accompany Annual Report for 1900 and accompanying report of Geo. W. Rafter. Edward A. Bond, S.E.S. of N.Y.	50 x 7½	Profile	Packet in back of report
		No. 3 1899 Erie Canal Enlargement Committee on Canals of State of N. Y. Profile of proposed Northern High Level Route. Wallace Greenalch, Asst. Eng. To accompany Report by Geo. W. Rafter accompanying Annual Report for 1900. Edward A. Bond, S.E.S of N.Y.	56 x 7½	Profile	Packet in back of report
		No. 4 1899 Erie Canal Enlargement Committee on Canals of State of N.Y. Profile of Proposed Syracuse Level Extended. Wallace Greenalch, Asst. Engr. To accompany Report by Geo. W. Rafter. Accompanying Annual Report for 1900, Edward A. Bond, S.E.S. of N.Y.	66 x 7½	Profile	Packet in back of report
1901 Transmitted Jan. 22, 1902	A.D. 31	Progress Map of New York showing Atlas Sheets surveyed by the U. S. Geological Survey in cooperation with the State Engineer and Surveyor, Edward A. Bond, S.E.S. Progress to Jan. 1, 1902	10 x 7 5/8	Map	138
		Note: This report contains Gauging on the Streams of New York State for the year 1901. This work was done primarily for the U. S. Geological Survey, but does involve CANALS in places. Some photographs show canals and canal structures and are included below.			
		Seneca River Gauging Station: State Dam at Baldwinsville, Onondaga County, N.Y.	Reg.page	Photo	402
		Ne Y. State High Dam on Oswego River, three miles from Lake Ontario, Oswego County, N.Y.	½ Reg.page	Photo	412

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1901 cont.		Mohawk River; Gauging Station at Gilbert's Dam, Little Falls, Herkimer County, N.Y.	Reg.page	Photo	432
		Fort Hunter Dam on Schoharie Creek, Montgomery County, N.Y. during low water	Reg.page	Photo	478
		Grist Mill Bench Mark, Greenbush (now Rensselaer) opposite Albany, N.Y. Photographed 1901	Reg.page	Photo	628
		Map showing Lines of Levels in the State of N.Y., with Report on Spirit Levels of the New York State Barge Canal Survey of 1900 and 1901. To accompany Annual Report of Edward A. Bond, S.E.S. 1901	10 x 9	Map	712
1902 Transmitted Jan. 23, 1903	A.D. 39	Seneca Lake Guard-Lock and Controlling-Works, looking N. E. from the Lake, down-stream, showing gates open, giving free outlet during high water. Built under Chap. 680, Laws of 1900. Completed Jan. 1903	Reg.page	Photo	298
		Rochester, Monroe County, N.Y.; West Avenue Lift Bridge. Designed and built by State Engineer, 1900-1902. Span, 139½ feet; Lift, 10 3/4 feet. Operated electrically. The design is original, the bridge being balanced on totally immersed steel pontoons. Appropriation by Chap. 549, Laws of 1899, $75,000. Cost completed, $74,975.75	Reg.page	Photo	346
		Lockport, Niagara County, N.Y: Pine Street Bridge. Designed and built by the State Engineer, 1901 and 1902. Span 164 feet; length 173 feet, width over all 66 feet. Appropriation by Chap. 430, Laws of 1900, $75,000, Cost completed, $59,317.35	Reg.page	Photo	348
1902 Supplement		Note: Supplement to the Annual Report of the State Engineer and Surveyor (separate volume) carries a report on the volume of discharge of streams in the State of N.Y. 1902. This report shows profiles of stream discharge with some photographs. Where canals or canal structures are shown the photographs are listed below.			
		N. Y. State High Dam on Oswego River, three miles from Lake Ontario, Oswego County, N.Y.	½ Reg.page	Photo	90
		Progress Map of New York showing Atlas Sheets. Surveyed by the U.S. Geological Survey in cooperation with the State Engineer and Surveyor. Edward A. Bond, S.E.S. Progress to Jan. 1, 1903	10 x 7 3/4	Map	344

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIP-TION	PAGE
1903 Trans-mitted Jan. 15, 1904	A.D. 65	New York State Canals to be constructed under Chapter 147, Laws of 1903. Map showing present and proposed canal system to accompany report of Edward A. Bond, S.E.S.	14 3/4 x 7½	Map	60
		Beaver River Dam, Herkimer County, N.Y. (¼ mile upstream from new concrete dam) July 15, 1903. Old timber structure originally built by the state in 1887 for storage of water for supply of Black River as compensation for water diverted to Forrestport feeder of Erie Canal	Reg.page	Photo	224
		Beaver River Dam, Herkimer County, N.Y. Gate-house at inlet of tunnel and curved spillway, both of concrete in progress July 15, 1903. Built to replace old timber dam for storage of water supply of Black River, as compensation for water diverted to Forrestport feeder of Erie Canal	Reg.page	Photo	226
		Inlet of tunnel and site of gate house August 10, 1902	½ Reg.page	Photo	228
		Outlet of tunnel August 10, 1902. Beaver River Dam, Herkimer County, N.Y. Built to replace old timber dam for storage of water for supply of Black River as compensation for water diverted to Forestport feeder of Erie Canal	½ Reg.page	Photo	228
		Forestport Dam across Black River, Oneida Co., N.Y. For diversion of water into Black River feeder of Erie Canal. In progress June 16, 1903. Built of massive limestone masonry with concrete backing to replace old timber dam (also shown) built about 1854	Reg.page	Photo	282
		Forestport Dam across Black River, Oneida Co., N.Y. for diversion of water into Black River feeder of Erie Canal, as completed, November 11, 1902	Reg.page	Photo	284
		Rome, Oneida Co., N.Y. South Hames Street Bridge, designed and built by the State Engineer, 1902-1903. Span over all 96½ feet; width over all 56 feet, appropriation by Chap. 614, Laws of 1902, $22,000. Cost completed, $20,414.95	Reg.page	Photo	288

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1904 Transmitted Feb. 16, 1905	A.D. 36	1000 Ton Net Canal Barge. 150 ft. length over all, 27 ft. beam over all. Horace See, N.Y. July 28, 1904	Reg.page	Plan	44A
		Steel Tug for 1000 ton net, Canal Barges 150 ft. length over all, 27 ft. beam over all. Horace See, N.Y., July 28, 1904	Reg.page	Plan	44B
		Midship Sections 1000 ton net, Canal Barges, Horace See, N.Y. July 19, 1904 Steel Hull	Reg.page	Plan	46A
		Longitudinal Vertical Sections. Tug for 1000 ton net, Canal Barges, 150 ft. length over all, 27 ft. beam over all Horace See, N.Y. July 28, 1904	½ Reg.page	Plan	46B
		Longitudinal Vertical Sections. 1000 ton net, Canal Barge, Type C. Horace See, N.Y. July 20, 1904	½ Reg.page	Plan	46B
		Section of Fender Irons for 1000 ton net, Canal Barge and Tug. Horace See, N.Y.	Reg.page	Plan	48
		Rock Cut. For use on section between Genesee River, and South Greece. June 15, 1904. H. C. Allen, Special Deputy State Engineer. Adopted by Advisory Board, June 22, 1904	Reg.page	Plan	50A
		Study of Bank Protection and Form of Prism. Sylvan Beach Sections June 15, 1904. H. C. Allen, Special Deputy State Engineer. Case 5, adopted by Advisory Board, June 21, 1904	Reg.page	Plan	50B
		General Design of Wooden Mitre Lock Gates with steel frames	Reg.page	Plan	52
		Beaver River Dam, Herkimer Co., N.Y. Gate-house at inlet of tunnel, and curved spillway, both of concrete, completed October, 1904. Built to replace old timber dam for storage of water for supply of Black River, as compensation for water diverted to Forestport feeder of Erie Canal	Reg.page	Photo	78
		Beaver River Dam, Herkimer Co., N.Y. Earth dam with concrete core, completed October, 1904. Built to replace old timber dam for storage of water for supply of Black River, as compensation for water diverted to Forestport feeder of Erie Canal. Cross (+) marks site of old timber dam.	Reg.page	Photo	80

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1904 cont.		Note: Report on the Gagings (sic) of Volume of Discharge of Streams of N.Y. 1904. Robert E. Horton Hydrographer Pages 469-682 (Includes Profiles as usual)			
		Progress Map of New York, showing Atlas Sheets surveyed by the U. S. Geological Survey in cooperation with the State Engineer and Surveyor, Henry A. Van Alstyne, S. E. S. Progress to Jan. 1, 1905	10 x 7 3/4	Map	690
		Map of the drainage systems of State of New York showing locations of Gauging Stations, 1904	12 5/8 x 10 5/8	Map	808
1905 Transmitted March 28, 1906	A.D. 36	Road Map of the State of New York showing proposed system of improved Highways, 1898 Henry A. Van Alstyne, S.E.S. Shows many N. Y. State Canals including old and new Erie Canal.	38 x 33	Map	Pocket front cover
		Steel Hydraulic Dredge, Contract No. 4 Barge Canal-Erie Route, (Front View)	Reg.page	Photo	24
		Steel Hydraulic Dredge, Contract No. 4, Barge Canal-Erie Route (Rear View)	Reg.page	Photo	26
		General Design of Bridge Dam with BOVLE's Gates. Proposed for Mohawk River	17¼ x 7¼	Plan	28
		LUBECKER Excavator, Contract No. 4, Barge Canal-Erie Route	Reg.page	Photo	30
		Steel Hydraulic Dredge, Contract No. 5, Barge Canal-Erie Route	Reg.page	Photo	32
		Concrete Abutment for Highway Bridge, Contract No. 4, Barge Canal-Erie Route	Reg.page	Photo	34
		Steel Hydraulic Dredge, Contract No. 4, Barge Canal-Erie Route	Reg.page	Photo	40
		Diagram showing the progress of export trade of five leading Atlantic ports of North America and illustrating the steady and rapid relative growth of the interest of Montreal, especially since 1900	Reg.page	Diagram	46
		Movable Dam on MOLDAU River, Bohemia - span of bridge, portion of dam in position and portion raised	Reg.page	Photo	136
		Movable Dam on Moldau River, Bohemia - Dam in position; view above dam	Reg.page	Photo	140

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1905 cont.		Movable Dam on Moldau River, Bohemia - Dam in position; view below dam	Reg.page	Photo	144
		Movable Dam on Moldau River, Bohemia - graphic view, showing heavy construction	Reg.page	Photo	148
		Conventional Signs and Maps as authorized and issued by U. S. Board of Engineers on Deep Waterways and adopted for Canal Survey under Chap. 411, Laws of 1900 7 sheets	9 3/4 x 8 3/4	Charts	202-A 202-B 202-C 202-D 202-E 202-F 202-G
		Organization of the Department of the State Engineer and Surveyor	12¼ x 8½	Chart	222
		Chambered Retaining Wall at Waterford, Contract No. 2, Barge canal-Erie Route. Water surface will be just above the arches	Reg.page	Photo	238
		Rock Breaker, Contract No. 1, Barge Canal-Champlain Route. An imported German machine. The hammer weighs 15 tons	Reg.page	Photo	240
		Eighty-ton Steam Shovel, Contract No. 11, Barge Canal-Erie Route. The capacity of the dipper is two and one half yards	Reg.page	Photo	242
		Cold Spring Bridge over Seneca River (Oswego Canal)	Reg.page	Photo	286
		LUBECKER Excavator, Contract No. 4, Barge Canal-Erie Route. This machine is used to build levees for holding material excavated by hydraulic dredges	Reg.page	Photo	292
		Steel Hydraulic Dredge, Contract No. 4, Barge Canal-Erie Route	Reg.page	Photo	294
		Hydraulic Steel Dredge, Contract No. 5, Barge Canal-Erie Route. View showing dredge in process of construction. It was necessary to construct steel dredges for Contracts Nos. 4 and 5 near the scenes of their future operation	Reg.page	Photo	296
		"Grab" Machine-Contract No. 6, Barge Canal	Reg.page	Photo	352
		Note: Report on the Establishment of Gaging Stations and the Measurement of Discharge of Streams in connection with the Barge Canal Improvement 1905. pp. 561-739 Profiles shown as usual			

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1905 cont.		U. S. Geological Survey. Map of the drainage systems of the State of N.Y.. showing locations of Gaging Stations 1905	12¼ x 10½	Map	740
1905 Supplement Vol. I		Map of the Canal System of the State of New York, (showing old and new Erie canals, abandoned canals and abandoned canals retained as feeders)	15½ x 9	Map	viii
		A Map of the Country of the FIVE NATIONS belonging to the Province of New York; and of the LAKES near which the Nations of FAR INDIANS live, with part of Canada - Colden's 1747	10½ x 8½	Map	16
		Lock at Little Falls, built by the Western Inland Lock Navigation Co.., about 1800. View showing its present condition; the channel is now used as a head-race. In 1883 the Legislature transferred this lock, together with an adjacent stone bridge to a commission for preservation as a historical relic	Reg.page	Photo	42
		Early Canal Advocates. Reproduced from Dr. Hosack's MEMOIR OF DEWITT CLINTON (15 men pictured)	Reg.page	Photo	50
		Map of a part of New York State (1811) showing a Profile of the proposed canal, with inclined planes, somewhat similar to the plan suggested by the Canal Commissioners in their Report of March 2, 1811	16 x 9	Map	66
		Entrance of the Canal into the Hudson at Albany. Reproduction of an old print, published during the construction of the original Erie canal; design was used also for decorating china.	Reg.page	Photo	114
		The Opening of the Erie Canal. A mural decoration in the DeWitt Clinton High School, New York illustrating the passage of the first boat from the Erie to the Atlantic	Reg.page	Photo	124
		The Marriage of the Waters. A mural decoration in the DeWitt Clinton High School, New York illustrating a scene connected with the ceremony of opening the Erie canal in 1825	Reg.page	Photo	126
		Large medal struck to commemorate the completion of the Erie Canal-Natural size	Reg.page	Photo	128

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1905 Supplement Vol. I cont.		Keg carrying water from Lake Erie to the Atlantic, used in the ceremony of the opening of the Erie canal; keg in possession of the Historical Society of New York City	½ Reg.page	Photo	130
		Small medal struck to commemorate the completion of the Erie canal. Natural size	½ Reg.page	Photo	130
		View of the Aqueduct Bridge at Rochester Reproduction of an old print published during the construction of the original Erie canal; design was used also for decorating china	Reg.page	Photo	168
		Aqueduct over the Genesee River at Rochester. The present aqueduct, replacing the original smaller structure, was completed in 1842. A recent photograph	Reg.page	Photo	170
		The Combined Locks at Lockport	Reg.page	Photo	366
		Canal-boat on inclined plane, Morris Canal, near Boonton, N. J. This form of construction was seriously considered for adoption on the Black River Canal	Reg.page	Photo	518
		Shinnecock and Peconic Canal, L. I., N.Y.	Reg.page	Photo	576
		Map showing Slips and adjuncts of the Erie Canal at Buffalo	16 x 9	Map	588
		View of the Upper Village of Lockport Niagara Co., N.Y. 1830 (reproduction showing original combined locks at Lockport)	Reg.page	Photo	794
		Bird's-eye view of the Combined Locks at Lockport, View showing their present appearance	Reg.page	Photo	796
		View of the Aqueduct Bridge at Little Falls. Reproduction of an old print published during the construction of the original Erie canal; design was also used for decorating china	Reg.page	Photo	798
		Aqueduct at Little Falls. Built during construction of the original Erie canal; view showing its present condition	Reg.page	Photo	800
		Aqueduct over the Seneca River-Called the "Richmond" or Montezuma Aqueduct. Constructed during the first Canal enlargement; brought into use in the spring of 1856	Reg.page	Photo	802

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1905 Supplement Vol. I cont.		Divisions of New York State as described in connection with the study of the Influence of the Erie Canal	9 x 9	Map	908
1905 Supplement Vol. II		1817 Section of the Original Erie in fill or cut of less than 9 ft. according to original specifications	½ Reg. page	Diagram	1037
		1817 Section of Original Erie as Built	½ Reg. page	Diagram	1037
		1817 Section of Original Erie in cut greater than 9 ft. according to specifications	½ Reg. page	Diagram	1038
		1836 Section of Enlarged Erie according to original plans	½ Reg. page	Diagram	1038
		1848 Section of Enlarged Erie according to improved plans-Eastern Division	½ Reg. page	Diagram	1039
		Section of Erie where sidedocking was used. Eastern Division as enlarged in 1862	½ Reg. page	Diagram	1039
		Section of Erie-Eastern Division as enlarged in 1862	½ Reg. page	Diagram	1040
		1848 General Section of Enlarged Erie according to im proved plans. Middle Division	½ Reg. page	Diagram	1040
		Exception Sections of Erie- Middle Division as enlarged in 1862			
		1. Higginsville to Limestone Creek Aqueduct 24.23 miles Jordan level to Wayne County line 17.37 miles	½ Reg. page	Diagram	1041
		2. Limestone Creek Aqueduct to Butternut Creek Aqueduct 2.06 miles	½ Reg. page	Diagram	1041
		3. West end of Long Level 4.37 miles	½ Reg. page	Diagram	1042
		4. Through city of Syracuse	½ Reg. page	Diagram	1042
		5. Jordan level 1/4.16 miles	½ Reg. page	Diagram	1043
		Enlargement of Erie west of Montezuma	½ Reg. page	Diagram	1043
		Enlarged Erie Canal sections from Buffalo to Clyde			
		1. Commercial Street to Slip No. 1 Buffalo	½ Reg. page	Diagram	1044
		2. Slip No. 1 Buffalo to Black Rock Harbor	½ Reg. page	Diagram	1044
		3. Through Harbor to Dam at foot	½ Reg. page	Diagram	1045
		4. Dam to Guard Lock Black Rock	½ Reg. page	Diagram	1045
		5. Guard Lock to Tonawanda	½ Reg. page	Diagram	1046
		6. Pendleton to 2½ miles above Lockport	½ Reg. page	Diagram	1046

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1905 Supplement Vol. II cont.		7. 2½ miles above Lockport to Lockport	½ Reg.page	Diagram	1047
		8. Below Lock at Lockport	½ Reg.page	Diagram	1047
		9. At Lyell Street, Rochester	½ Reg.page	Diagram	1048
		10. General Section East of Rochester	½ Reg.page	Diagram	1048
		1890 Standard Sections of Erie			
		1. Note 18 ft. towpath	½ Reg.page	Diagram	1049
		2. With vertical walls	½ Reg.page	Diagram	1049
		1895 Methods of deepening the Erie and Oswego Canals used in the improvements of 1896-1898			
		1. Excavating 2 ft. from bottom of canal	½ Reg.page	Diagram	1050
		2. Raising the banks 2 ft.	½ Reg.page	Diagram	1050
		3. Excavating 1 ft. from bottom of canal raising the banks 1 ft.	Reg.page	Diagram	1051
		1903 General sections of Barge Canal Improvement on Erie, Oswego and Champlain Canals			
		1. Rock section in long deep cuts	½ Reg. page	Diagram	1052
		2. Rock section in short cuts	½ Reg.page	Diagram	1052
		3. Earth section	½ Reg.page	Diagram	1053
		4. Earth and rock section	½ Reg.page	Diagram	1053
		5. Earth and rock section at ends of long rock cuts	½ Reg.page	Diagram	1054
		6. River section in rock or rock and earth combined	½ Reg.page	Diagram	1054
		1818 Specifications for Champlain to fill or cut of less than 9 ft.	½ Reg.page	Diagram	1055
		1818 Specifications for Champlain in cut greater than 9 ft.	½ Reg.page	Diagram	1055
		1860 Enlargement of Champlain authorized 1860	½ Reg.page	Diagram	1056
		1870 Enlargement of Champlain authorized 1870 but never completed	½ Reg.page	Diagram	1056
		1875 The Champlain as it existed in 1875	½ Reg.page	Diagram	1057
		1891			
		1. Standard sections of Champlain Canal	½ Reg.page	Diagram	1057
		2. With vertical walls	½ Reg.page	Diagram	1058
		General section of Champlain Improvement of 1896-1898	½ Reg.page	Diagram	1058
		1852 Section of Black River Canal	½ Reg.page	Diagram	1059
		Section of Black River Canal Feeder	½ Reg.page	Diagram	1059

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1905 Supplement Vol. II cont.		Data concerning Canals in the United States and Canada			
		Canals of the United States	Folding charts		1465-1475
		Canals of Canada	Folding chart		1476
		CANALS and Navigable Rivers of the United States - Henry A. Van Alstyne, S. E. S. 1905	21½ x 22¼	Map	Back cover pocket
		Comparison of Profiles of the New York State Barge Canal and of Various Railroads Extending Between Buffalo and New York	32 x 18	Profiles	Back cover pocket
		Barge Canal			
		New York Central & Hudson River RR			
		West Shore RR			
		Erie RR			
		Delaware, Lackawanna & Western RR			
		Lehigh Valley RR			

LIST OF MAPS, PLANS OF STRUCTURES, PROFILES, PICTURES AND PHOTOGRAPHS IN THE ANNUAL REPORTS OF THE CANAL COMMISSIONERS OF NEW YORK STATE FOR THE YEARS 1817 THROUGH 1877

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From 1817 through 1828 the reports of the CANAL COMMISSIONERS were in the Assembly Journals and there were no maps or plans included.					
Starting with the report for the year of 1829 they were published as Assembly Documents and through the report for the year of 1845 no maps or plans were included.					
1846 Transmitted Jan. 16, 1847	A.D. 20	Profile of the Erie Canal from Albany to Syracuse, 1847 R. H. Pease, Lith.	7 x 22¼	Profile	22
1847 Transmitted Jan. 12, 1848	A.D. 16	Profiles of tables No. 1, 2, 3 and 4 and plans No. 1 and 2 (Taken from tables in text and showing top of water line and bottom of canal from Lockport to Rochester as per tables. Various prisms at Lockport are also shown) R. H. Pease, Lith.	12 x 18	Profile	176
1848 Transmitted Jan. 17, 1849	A.D. 40	None			
1849 Transmitted Jan. 22, 1850	A.D. 45	Diagrams showing cross sections of old and new locks - 15 feet and 18 feet respectively	8½ x 11	Plan	58
1850 Transmitted Jan. 24, 1851	A.D. 26	None			
1851 Transmitted Feb. 3, 1852	A.D. 33	Map showing the location of the STONE MONUMENTS on the North & South Shores of the Seneca River above the Dam at Baldwinsville in the Towns of Lysander and Van Buren John T. Clark, Div. Eng.	17¼ x 13	Map	46
1852 Transmitted Jan. 27, 1853	A.D. 23	None			

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1853 Transmitted Jan. 31, 1854	A.D. 65	None			
1854 Transmitted Jan. 22, 1855	A.D. 32	Location of the Erie Canal at Holley. Fred'k Follett, Canal Com. D. Vaughn, Draughts'm R. H. Pease, Lith.	18⅛ x 12⅛	Map	122
1855 Transmitted Feb. 1, 1856	A.D. 100	None			
1856 Transmitted Feb. 2, 1857	A.D. 145	None			
1857 Transmitted Feb. 4, 1858	A.D. 20	None			
1858 Transmitted Jan. 26, 1859	A.D. 40	None			
1859 Transmitted Feb. 2, 1860	A.D. 51	None			
1860 Transmitted Feb. 6, 1861	A.D. 57	Map of the Erie Basin and Slips in the City of Buffalo (colored)	34 x 23	Map	160
1861 Transmitted Jan. 8, 1862	A.D. 9 & S.D. 26	No. 1 Width of Prism of Canal from bank to bank 81 feet No. 2 Width of Prism of Canal from bank to bank 75 feet	Reg. page	Plan	46
		Map & plan of the Proposed Improvements of the Chemung Canal at Corning - also cross section and profile W. H. H. Gere - Res. Eng. H. Van Vleck, - Div. Eng. J. Burke, Draftsman	11 3/4 x 9	Map Plan Profile	108

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1862 Transmitted Jan. 8, 1863	A.D. 6 & S.D. 7	Map of the Erie Canal & Slips in the City of Buffalo	10½ x 8½	Map	108
1863 Transmitted Jan. 22, 1864	A.D. 8	No. 1 Width of Prism of Canal from bank to bank 81 feet No. 2 Width of Prism of Canal from bank to bank 75 feet	Reg. page	Plan	54
		A map showing location & elevation of a Stone Monument for determining the hight to which Canal Commissioners are authorized to maintain the Dam across the Allegany River at Millgrove Pond	Reg. page	Map	132-1
		A map showing the location & elevation of a Stone Monument for determining the hight to which Canal Commissioners are authorized to maintain a dam across the Oswayo Creek	Reg. page	Map	132-2
		A map showing location & elevation of a Stone Monument for determining the hight to which the Canal Commissioners are authorized to maintain a dam across the Ischua Creek	Reg. page	Map	132-3
		A map showing the location and elevation of a Stone Monument for determining the hight to which Canal Commissioners are authorized to maintain a dam across the outlet of Oil Creek Reservoir	Reg. page	Map	132-4
1864 Transmitted Jan. 5, 1865	A.D. 10	Map and plan of the Proposed Improvements of the Chemung Canal at Corning J. P. Goodsell, Eng. W. H. H. Gere, Asst. Eng.	Reg. page	Map Plan	60
1865 Transmitted Jan. 4, 1866	A.D. 9	Plan of Tumble Gate, Lock 39, Erie Canal 1865 M. H. Roberts, Del. Wm. J. Skinner, Canal Com.	27 x 21	Plan	30
		Map of the proposed Oswasco Creek Feeder at Port Byron C. Van Benthuysen	Reg. Page	Map	58
		Extension of Chenango Canal from Binghamton to Pennsylvania State Line Wm. J. Skinner, Canal Com. Geo. Cushing Jr., Del	34½ x 13	Map	72

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1866 Transmitted Jan. 1, 1867	A.D. 7	Profiles of the N. Y. State Canals & Feeders showing the Elevations of the same above Tidewater & the Junction of the Lateral Canals with the Erie	40½ x 24½	Profile	4
		Map of the State of N. Y. showing its Canals & Railroads, 1866 B. F. Bruce) F. A. Alberger (Canal Commissioners R. C. Dorn) David Vaughan, Draftsman		Map	
		Plan of Dam and Apron across Mohawk River at Rexford Flats, Erie Canal R. C. Dorn, Canal Com. David Jenne, Div. Eng. Cooper, Del.	31½ x 20½	Plan	30
		Map of Albany Basin showing Improvements Completed & Contemplated, 1866 R. C. Dorn, Canal Com. D. C. Jenne, Div. Engr. J. A. Cooper, Del.	38¼ x 13¼	Map	32
		Plan of Enlarged Lock with Tumble Gate, Lift 9 feet, Champlain Canal R. C. Dorn, Canal Com. David C. Jenne, Div. Eng. Cooper, Del.	32 x 22	Plan	34
		Map of New York & Pennsylvania showing Canals and their Connections B . F. Bruce, Canal Com. W. H. H. Gere, Div. Eng. B. M. Hanks, Res. Eng. D. Richmond, Del.	28 x 21¼	Map	96
1867 Transmitted Jan. 20, 1868	A.D. 9	Profiles of the New York State Canals & Feeders showing the Elevations of the same above Tidewater and Junction of the Later Canals with the Erie	40½ x 24½	Profile	4
		Map of the State of New York showing its Canals and Railroads B. F. Bruce (F. A. Alberger (Canal Commissioners R. C. Dorn) David Vaughan, Draftsman		Map	
		Map of Lakes & Reservoirs, Headwaters Moose & Black Rivers, showing present and proposed feeders, Black River Canal, 1867 R. C. Dorn, Canal Com. David C. Jenne, Div. Eng. John A. Cooper, Del.	25½ x 15½	Map	26

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1867 cont.		Road Bridge on White Street, Cohoes, Span between abutments 110 feet, roadway 17 feet, sidewalk 6 feet. R. C. Dorn, Canal Com. D. C. Jenne, Div. Eng. Cooper, Del	32½ x 20½	Plan	28
		Plan of Lock on Black River above Beach's Bridge R. C. Dorn, Canal Com. D. C. Jenne, Div. Eng. Cooper, Del.	32 x 19½	Plan	36-1
		Plan of Tree Dam connected with Lock on Black River above Beaches Bridge R. C. Dorn, Canal Com. D. C. Jenne, Div. Eng. Cooper, Del	43 x 25½	Plan	36-2
		Map showing proposed improvement of Erie Canal & Black Rock Harbor in the City of Buffalo F. A. Alberger, Canal Com. W. W. Jerome, Res. Eng. J. F. Behn, Asst. Eng.	16 x 17½	Map	124
1868 Transmitted Jan. 5, 1868	A.D. 4	Profiles of the New York State Canals & Feeders showing Elevations of same above Tidewater & the Junction of the Lateral Canals with the Erie	40½ x 24½	Profile	3
		Map of State of New York showing Canals and Railroads, 1868 R. C. Dorn) S. T. Hoyt (Canal Commissioners J. D. Fay)		Map	
		Map of Pennsylvania showing Routes by Railroad and Water from the Coal Fields into the State of New York Van R. Richmond, S. E. S. R. C. Dorn) S. T. Hoyt (Canal Commissioners J. D. Fay)	33 x 22½	Map	136
1869 Transmitted Jan. 12 1870	A.D. 4	Profiles of the New York State Canals & Feeders showing the Elevation of the same above Tidewater & the Junction of the Lateral Canals with the Erie	40½ x 24½	Profile	4
		Map of the State of New York showing its Canals and Railroads, 1869 S. T. Hoyt) J. D. Fay (Canal Commissioners Oliver Bascom)		Map	

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1869 cont.		Plan of Aqueduct across Wood Creek at Fort Edward Oliver Bascom, Canal Com. Cooper, Del.	35 x 24½	Plan	14
		Plan of Bulkhead for North Branch Reservoir Oliver Bascom, Canal Com. Cooper, Del.	27½ x 22½	Plan	16
		Otisco Lake Reservoir, 1870 Van. R. Richmond, State Eng. M. S. Kimball, Div. Eng. C. A. Sweet, Engr. in charge	34 x 11½	Map	46
1870 Transmitted Jan. 30, 1871	A.D. 6	Plan of machinery for operating Heathe Valves and Tumble Gate for Enlarged Locks, Erie Canal, May 1870	35 x 23½	Plan	28
		Plan of Boiler Plate Valve for Lock Gates	12 x 6½	Plan	35
		General Plan of W. B. Cooper's Wrought Iron Arch Truss Bridge. Span 72 feet	34 x 21	Plan	42
		Cast Iron Discharge Pipe Woodhull Reservoir Cooper, Del	23 x 18	Plan	48
		Map showing localities of the Feeders & Reservoirs now in use for supplying the Rome Level of the Erie Canal and of those proposed for construction by the Canal Commissioners in their report of Jan. 30, 1871. Proposed under the direction of Chas. A. Olmsted	33½ x 24	Map	156
		Plan of Stop Gate	34½ x 21½	Plan	170
1871 Transmitted Jan. 26, 1872	A.D. 29	Map of Proposed Sand Lake Reservoir Surveyed July, 1871 Cross Section at Dam at Third Bisby Lake General Map of Reservoirs Completed & Proposed Cross Section of Proposed Dam Picture - View of Woodhull Reservoir Dam G. W. Chapman, Com. in charge Van R. Richmond, S. E. S. S. E. Babcock, Eng. in charge	36 x 23	Map Plan Map Plan Picture	52
		Repairs & Extension of Tree Dam across Schoharie Creek Geo. W. Chapman, Canal Com. Van R. Richmond, State Eng. Cooper, Del.	30 x 16½	Plan	56

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIPTION	PAGE
1872 Transmitted Jan. 7, 1873	A.D. 6	None			
1873 Transmitted Jan. 6 1874	A.D. 6	Profiles of the New York State Canals & Feeders showing the Elevations of the same above Tidewater and Junction of the Lateral Canals with the Erie, 1873 Map of State of New York showing Canals and Railroads John D. Fay) Alexander Barkley (R. W. Stroud)	40 x 24	Profile Map	2
		Map & Plan of Jamesville Reservoir on Butternut Creek R. W. Stroud, Canal Com. Howard Soule jr., Div. Eng. Thos. Goodsell, Res. Eng. D. R., Del.	32 x 22½	Map Plan	118-1
		Plan of the High Dam on the Oswego River of Stone, commenced 1871, completed 1873 Cost 221,088.69 R. W. Stroud, Canal Com. H. Soule Jr., Div. Eng. M. S. Kimball, Eng. in charge	27 x 21	Plan	118-2
1874 Transmitted Jan. 5, 1875	A. D. 6	Profiles of the New York State Canals & Feeders showing the elevations of the same above Tidewater & Junction of Lateral Canals with the Erie, 1874 Map of the State of N.Y. showing Canals & Railroads Alexander Barkley) R. W. Stroud (Canal Com. James Jackson Jr.	40½ x 23	Profile Map	end of report
		Profile of the Eastern Division of the Erie Canal showing Location of Structures and Vertical Walls in detail, General Map and Profile of the Eastern Division of New York State Canals 1874 S. H. Sweet, S. E. S. D. M. Green, Deputy S. E. S. J. B. Yates, Div. Eng. S. E. Babcock, Res. Eng. Hon. Adin Thayer, Canal Com.	101 x 22½	Profile Plan Map	"
		Map of the Reservoirs, Feeders & Sources of Water Supply for the Middle Division of the Erie Canal D. Richmond, Res. Eng. C. A. Sweet, Div. Eng. R. W. Stroud, Canal Com.	48 x 26	Map	"

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIPTION	PAGE
1874 cont.		Map & Profile of the Western Division of the Erie Canal, 1875 - length of levels Jas. Jackson, Jr., Canal Com. J. D. Fay, Div. Eng. B. M. Hanks, Res. Eng.	57½ x 23½	Profile	end of report
		Map of Transportation Routes from the Mississippi to the Seaboard, 1874 A. Barkley, Canal Com. C. D. Burrus, Draftsman	34 x 24 3/4	Map	"
		Map of the Champlain Canal from its Junction with the Erie Canal at Third Lock, West Troy to its Termination at Whitehall, showing the U. S. Ship Canal as proposed from Whitehall to Fort Edward	120 x 20	Map	"
		Profile of Hudson River from Fort Edward to Troy Dam		Profile	
		Profile of Champlain Canal		Profile	
		Profile of proposed Ship Canal from Whitehall to Fort Edward		Profile	
		R. W. Stroud) James Jackson Jr., (Canal Commissioner Adin Thayer)			
		Map of Headwaters of Hudson & Raquette Rivers showing location of Lakes & Ponds with their Watershed Lines Roberts, Del.	25 x 47¼	Map	"
		Map of Blue Mountain Lakes from Surveys to T. 34 J. L. Harris, C. E. 1843	Reg. page	Map	"
		Map of Raquette Lake from Surveys of A. P. Edwards, C. E. Township No. 40	10 x 8 3/4	Map	"
		Map of Long, Forked & Little Forked Lakes For Surveys Make July 1874	30½ x 19 3/4	Map	"
		Cross Section of Proposed Canal		Plan	
		Profile of Canal between Long Lake and Headwaters of the Hudson River		Profile	
		W. B. Cooper, Eng. in charge M. M. Brooks) Jno. C. Hersey) Assistants C. D. Burrus, Draughtsman			
		Proposed Planfor Dams for Headwaters of Hudson and Raquette Rivers	29½ x 22	Plan	"

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIPTION	PAGE
1875 Transmitted Jan. 11, 1876	A.D. 6	Profiles of the New York State Canals showing elevations of the same above Tidewater. Canals and Feeders & Junction of the Lateral Canals with the Erie 1876	41½ x 24 3/4	Profile	1
		Map of the State of New York showing its Canals and Railroads, 1876 James Jackson Jr.) Adin Thayer (Canal Com. C. A. Walrath)		Map	
		Erie Canal before enlargement showing slope wall and wall benches Erie Canal as now constructed with slope walls Erie Canal as now constructed with vertical walls	Reg. page	Plan	3
		Plans of the Upper Aqueduct Across Mohawk River - (Rexford)		Plan	20
1876 Transmitted Jan. 29, 1877	A.D. 45	Profiles of the New York State Canals & Feeders showing Elevations of the same above Tidewater & Junction of the Lateral Canals with the Erie, 1876 Adin Thayer) C. A. Walrath (Canal Com. D. A. Ogden)	41½ x 24 3/4	Map	2
1877 Transmitted Jan. 10, 1878	A.D. 12	Profile of the New York State Canals & Feeders showing the elevations of the Water Surfaces above Tidewater & Junction of the Lateral Canals with the Erie	41 x 24	Profile	2
		Map of the State of New York showing its Canals and Railroads		Map	
		Adin Thayer) C. A. Walrath (Canal Com. D. A. Ogden)		Map	

LIST OF MAPS, PLANS OF STRUCTURES, PROFILES, PICTURES AND PHOTOGRAPHS IN THE ANNUAL REPORTS OF THE SUPERINTENDENT OF PUBLIC WORKS ON CANALS OF THE STATE (OF N.Y.) FOR THE YEARS OF 1878 THROUGH 1905

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIPTION	PAGE
1878 Transmitted March 3, 1879	A.D. 12	Profile of the New York State Canals & Feeders showing the elevations of the Water Surfaces above Tidewater & Junction of the Lateral Canals with the Erie	41 x 24	Profile	2
		Map of the State of New York showing its Canals and Railroads B. S. W. Clark, Supt. Public Works		Map	
1879 Transmitted March 1, 1880	A.D. 69	Map showing Disposition of Surplus Canal Waters - City of Lockport	33 x 15	Map	124-1
		Profiles of the New York State Canals & Feeders showing elevations of the Water Surfaces above Tidewater & Junction of the Lateral Canals with the Erie 1879	40 x 23	Profile	124-2
		Map of the State of New York showing Canals and Railroads B. S. W. Clark, Supt. Public Works		Map	
1880 Transmitted Jan. 31, 1881	A.D. 38	None			
1881 Transmitted Jan. 12, 1882	S.D. 13	Profiles of the New York State Canals & Feeders showing the elevations of the Water Surfaces above Tide Water & Junction of the Lateral Canals with the Erie	41½ x 25½	Profile	1
		Map of the State of New York showing its Canals 1881		Maps	
		New York State Canals Eastern Division 1881 Horatio Seymour, S. E. S.	50½ x 34	Map	39
		Middle Division of Erie Canal. Map showing the Reservoirs, Feeders & Mechanical Structures D. Richmond, Del	56½ x 34½	Map	107
		Western Division of the Erie Canal. Map showing Reservoirs, Feeders & Mechanical Structures 1882	56 x 34½	Map	161
		Note: Maps in this document are located at different pages than noted above and are frequently missing or duplicated, even found inserted in Doc. No. 14 in some cases.			

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIPTION	PAGE
1882 Transmitted Jan. 9, 1883	A.D. 9	Profile of the New York State Canals & Feeders showing the elevations of the Water Surfaces above Tidewater & Junction of the Lateral Canals with the Erie 1882	41 x 25	Profile	1
		Map of the State of New York showing its Canals & Railroads 1882 (colored)		Map	
		New York State Canals Eastern Division 1881 (colored)	50 x 34	Profile	16
		Middle Division of the Erie Canal. Map showings its Reservoirs, Feeders, and Mechanical Structures.	55 x 34	Profile & Map	48
		Western Division of the Erie Canal. Map showing its Reservoirs, Feeders and Mechanical Structures 1882	56 x 34	Profile & Map	80
1883 Transmitted Jan. 10, 1884	A.D. 9	Profiles of the New York State Canals & Feeders showing the elevations of the Water Surfaces above Tide Water & Junction of the Later Canals with the Erie. 1883	39½ x 25½	Profile	124
		Map of the State of New York showing its Canals. 1883		Map	
1884 Transmitted Jan. 6, 1885	A.D. 9	Profiles of the New York State Canals & Feeders showing the elevations of the water surfaces above Tide Water & Junction of the Later Canals with the Erie 1883	39½ x 25½	Profile	129
		Map of the State of New York showing its Canals 1884		Map	
1885 Transmitted Jan. 19, 1886	A.D. 31	Profiles of the New York State Canals & Feeders showing the elevations of the water surfaces above Tide Water & Junction of the Lateral Canals with the Erie. 1885	39½ x 25½	Profile	114
		Map of the State of New York showing its Canals & Railroads. 1885		Map	
1886 Transmitted Jan. 12, 1887	A.D. 24	Profiles of the New York State Canals & Feeders showing the elevation of the water surfaces above Tide Water & Junction of the Lateral Canals with the Erie. 1886	39½ x 25½	Profile	3
		Map of the State of New York showing its Canals & Railroads 1886		Map	
1887 Transmitted Jan. 3, 1888	A.D. 24	Profiles of the New York State Canals & Feeders showing the elevations of the water surfaces above Tide Water & Junction of the Lateral Canals with the Erie 1882	39½ x 25½	Profile	1
		Map of the State of New York showing its Canals 1882		Map	
		New York State Canals Eastern Division 1881	50 x 34	Profile	5

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIPTION	PAGE
1887 cont.		New York State Canals Eastern Division 1881	50 x 34	Profile	5
		Middle Division of the Erie Canal Profile of Middle Division Map showing its Reservoirs, Feeders & Mechanical Structures 1882 (colored)	54 x 34	Profile Map	76
		Western Division of the Erie Canal Profile of Western Division (colored) Insert maps of cities of Buffalo & Rochester Length of Levels Prism sections	54 x 34	Profile Map Diagram	108
		Note: In some copies above in rear of report			
1888 Transmitted Jan. 2, 1889	A.D. 21	Profiles of the New York State Canals & Feeders showing the elevations of the water surfaces above Tide Water & Junction of the Lateral Canals with the Erie 1886 Map of the State of New York showing its Canals & Railroads 1886	39½ x 25½	Profile Map	1
1889 Transmitted Jan. 7, 1890	A.D. 18	Profiles of the New York State Canals & Feeders showing the elevations of the water surfaces above Tide Water & Junction of the Lateral Canals with the Erie 1886 Map of the State of New York showing its Canals & Railroads 1886	39½ x 25½	Profile Map	1
1890 Transmitted Jan. 1891	A.D. 18	Profiles of the New York State Canals & Feeders showing the elevations of the water surfaces above Tide Water & Junction of the Lateral Canals with the Erie 1886 Map of the State of New York showing its Canals & Railroads 1886	39½ x 25½	Profile Map	1
1891 Transmitted Jan. 1892	A.D. 15	None			
1892 Transmitted Jan. 3 1893	A.D. 9	None in report proper In separate covers tied together are 4 multi-fold maps "Maps accompanying Annual Report of the Superintendent of Public Works of the State of New York			

FOR YEAR OF	LEG. DOC.	TITLE	SIZE	DESCRIPTION	PAGE
1892 cont.		Profiles of the New York State Canals & Feeders showing the elevations of the water surfaces above Tide Water & Junction of the Lateral Canals with the Erie 1892	39 x 25½	Profile	
		Map of the State of New York showing its Canals 1892		Map	
		New York State Canals Eastern Division 1892 (colored)	50 x 35	Map	
		Profile-Length of Division 106.237 mi.		Profile	
		Middle Division of the Erie Canal			
		Profile of Middle Division	54 x 34	Profile	
		Map showing its Reservoirs, Feeders and Mechanical Structures 1892 (colored)		Map	
		Western Division of the Erie Canal			
		Profile of Western Division (colored)	54 x 34	Profile	
		Insert maps of cities of Buffalo & Rochester		Map	
		Length of Levels		Diagram	
		Prism sections		Plan	
1893 through 1905		None			

APPENDIX

LEGISLATIVE DOCUMENTS CHECKED FOR THIS LISTING

FOR YEAR OF	TRANSMITTED TO LEGISLATURE	LEGISLATIVE DOCUMENT	NO. MAPS ETC.	ALSO TO BE FOUND IN	PAGE IN LISTING
STATE ENGINEER AND SURVEYOR REPORTS					
1850	Feb. 7, 1851	A. D. 45	6		1
1851	March 4, 1852	A. D. 90	10		2
1852	Jan. 27, 1853	A. D. 28	1		2
1853	Feb. 9, 1854	S. D. 60	2		3
1854	Feb. 22, 1855	A. D. 50	none		3
1855	Jan. 23, 1856	A. D. 180	1		3
1856	Jan. 15, 1857	A. D. 60	4		3
1857	Jan. 1, 1858	S. D. 15	5		3
1858	Jan. 1, 1859	A. D. 28	2		4
1859	Jan. 13, 1860	A. D. 15	16		4
1860	Jan. 23, 1861	A. D. 28	none		5
1861	Jan. 13, 1862	A. D. 8	none		5
1862	Jan. 23, 1863	A. D. 50	12		6
1863	Feb. 4, 1864	A. D. 179	15		7
1864	June 11, 1865	A. D. 20	5		8
1865	Jan. 23, 1866	A. D. 38	11		9
1866	Jan. 19, 1867	A. D. 27	none		9
1867	Jan. 15, 1868	A. D. 23	2		10
1868	Jan. 14, 1869	A. D. 11	9		10
1869	Jan. 12, 1870	A. D. 25	5		11
1870	Jan. 13, 1871	A. D. 19	4		11
1871	Jan. 3, 1872	A. D. 11	none		11
1872	Jan. 16, 1873	A. D. 17	None		11
1873	Jan. 16, 1874	A. D. 24	none		11
1875	Feb. 24, 1875	A. D. 80	15		12
1875	Jan. 18, 1876	A. D. 27	12		13
1876	Feb. 15, 1877	A. D. 30	11		14
1877	Jan. 2, 1878	A. D. 9	5		15
1878	Jan. 30, 1879	A. D. 41	4		15
1879	March 12, 1880	A. D. 88	8		16
1880	Jan. 12, 1881	A. D. 28	7		16
1881	Jan. 27, 1882	S. D. 54	8		18
1882	Jan. 11, 1883	S. D. 9	1		19
1883	Jan. 2, 1884	S. D. 9	none		19
1884	Jan. 26, 1885	A. D. 38	1		19
1885	Jan. 26, 1886	A. D. 44	none		19
1886	Jan. 20, 1887	A. D. 38	none		19
1887	Jan.	1888 A. D. 25	6		19
1888	Feb. 1, 1889	A. D. 58	none		20
1889	March 3, 1890	A. D. 62	4		20
1890	March 12, 1891	A. D. 66	12		20
1891	March 12, 1892	A. D. 74	15		22
1892	Jan. 18, 1893	A. D. 35	3		23
1893	Jan. 22, 1894	A. D. 21	19		23
1894	Jan. 26, 1895	A. D. 89	59		24
1895	Jan. 24, 1896	A. D. 62	93		28
1896	Feb. 8, 1897	A. D. 73	119		34
1897	Feb. 7, 1898	A. D. 67	130		42
1898	Jan. 30, 1899	A. D. 72	5		51
1899	Jan. 19, 1900	A. D. 39	2		52

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1900	Jan. 1, 1901	A. D. 54	11		52
1901	Jan. 22, 1902	A. D. 31	7		53
1902	Jan. 23, 1903	A. D. 39	5		54
1903	Jan. 15, 1904	A. D. 65	8		55
1904	Feb. 16, 1905	A. D. 36	13		56
1905	March 28, 1906	A. D. 36	30		57
"	Supplement	Vol I	22		59
"	"	" II	51		60
CANAL COMMISSIONERS REPORTS					
1817	Jan. 31, 1818	Assembly Journal 41 pp. 63-80	none	Canal Laws Vol I pp. 366-381 Haines-Public Doc. pp. 275-306	
1818	Jan. 25, 1819	Assembly Journal 42 pp. 200-211	none	Canal Laws Vol I pp. 398-418 Haines-Public Doc. pp. 311-343	
1819	Feb. 18, 1820	Assembly Journal 43 pp. 450-460	none	Canal Laws Vol I pp. 440-458 Haines-Public Doc. pp. 344-364	
1820	March 12, 1821	Assembly Journal 44 pp. 867-877	none	Canal Laws Vol II pp. 7-24 Haines-Public Doc. pp. 429-453	
1821	Feb. 27, 1822	Assembly Journal 45 pp. 126-137	none	Canal Laws Vol II pp. 60-78	
1822	Feb. 24, 1823	Assembly Journal 46 pp. 495-509	none	Canal Laws VOL II pp. 95-118	
1823	Feb. 20, 1824	Assembly Journal 47 pp. 521-533	None	Canal Laws Vol II pp. 150-180	
1824	March 4, 1825	Assembly Journal 48 pp. 273-283	none	Canal Laws Vol II pp. 242-270	
1825	March 25, 1826	Assembly Journal 49 pp. 994-1000	none		
1826	Feb. 10, 1827	Assembly Journal 50 pp. 503-521	none		
1827		Assembly Journal 51 pp. 244-264	none		
1828		Assembly Journal 52 pp. 187-197	none		
1829	Jan. 21, 1830	A. D. 47	none		
1830	Jan. 17, 1831	A. D. 38	"		
1831	Jan. 23, 1832	A. D. 42	"		
1832	Jan. 17, 1833	A. D. 36	"		
1833	Jan. 23, 1834	A. D. 55	"		
1834	Jan. 24, 1835	A. D. 85	"		
1835	Jan. 20, 1836	A. D. 65	"		
1836	Jan. 25, 1837	A. D. 37	"		
1837	Jan. 20, 1838	A. D. 61	"		
1838	Jan. 21, 1839	A. D. 86	"		
1839	Jan. 28, 1840	A. D. 60	"		

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1840	Jan. 25, 1841	A. D. 72	none		
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1844	Jan. 20, 1845	A. D. 28	"		
1845	Jan. 10, 1846	A. D. 14	" "		
1846	Jan. 16, 1847	A. D. 20	1		64
1847	Jan. 12, 1848	A. D. 16	1		64
1848	Jan. 17, 1849	A. D. 40	none		
1849	Jan. 22, 1850	A. D. 45	1		64
1850	Jan. 24, 1851	A. D. 26	none		
1851	Feb. 3, 1852	A. D. 33	1		64
1852	Jan. 27, 1853	A. D. 23	none		
1853	Jan. 31, 1854	A. D. 65	none		
1854	Jan. 22, 1855	A. D. 32	1		65
1855	Feb. 1, 1856	A. D. 100	none		
1856	Feb. 2, 1857	A. D. 145	"		
1857	Feb. 4, 1858	A. D. 20	"		
1858	Jan. 26, 1859	A. D. 40	"		
1859	Feb. 2, 1860	A. D. 51	"		
1860	Feb. 6, 1861	A. D. 57	"		
1861	Jan. 8, 1862	A. D. 9 & S. D. 26	2		65
1862	Jan. 8, 1863	A. D. 6 & S. D. 7	1		66
1863	Jan. 22, 1864	A. D. 8	5		66
1864	Jan. 5, 1865	A. D. 10	1		66
1865	Jan. 4, 1866	A. D. 9	3		66
1866	Jan. 1, 1867	A. D. 7	6		67
1867	Jan. 20, 1868	A. D. 9	7		67-8
1868	Jan. 5, 1869	A. D. 4	3		68
1869	Jan. 12, 1870	A. D. 4	5		68-9
1870	Jan. 30, 1871	A. D. 6	6		69
1871	Jan. 26, 1872	A. D. 29	6		69
1872	Jan. 7, 1873	A. D. 6	none		
1873	Jan. 6, 1874	A. D. 6	5		70
1874	Jan. 5, 1875	A. D. 6	19		70-1
1875	Jan. 11, 1876	A. D. 6	4		72
1876	Jan. 29, 1877	A. D. 43	1		72
1877	Jan. 10, 1878	A. D. 12	3		72

FOR YEAR OF	TRANSMITTED TO LEGISLATURE	LEGISLATIVE DOCUMENT	NO. MAPS ETC.	ALSO TO BE FOUND IN	PAGE IN LISTING
SUPERINTENDENT OF PUBLIC WORKS ON CANALS					
1878	March 3, 1879	A. Do. 12	5		73
1879	March 1, 1880	A. Do. 69	3		73
1880	Jan. 31, 1881	A. Do. 39	none		
1881	Jan. 12, 1882	S. Do. 13	5		73
1882	Jan. 9, 1883	A. Do. 9	7		74
1883	Jan. 10, 1884	A. Do. 9	2		74
1884	Jan. 6, 1885	A. Do. 9	1		74
1885	Jan. 19, 1886	A. Do. 31	2		74
1886	Jan. 12, 1887	A. Do. 24	2		74
1887	Jan. 3, 1888	A. Do. 24	9		74-5
1888	Jan. 2, 1889	A. Do. 21	2		75
1889	Jan. 7, 1890	A. Do. 18	2		75
1890	, 1891	A. Do. 18	2		75
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1892	Jan. 3, 1893	A. Do. 9	10		76-7
1893	Jan. 2, 1894	A. Do. 12	none		
1894	Jan. 27, 1895	A. Do. 27	"		
1895	Jan. 13, 1896	A. Do. 9	"		
1896	Jan. 22, 1897	A. Do. 27	"		
1897	Feb. 15, 1898	S. Do. 37	"		
1898	Feb. 27, 1899	A. Do. 47	"		
1899	Jan. 15, 1900	A. Do. 25	"		
1900	Jan. 18, 1901	A. Do. 29	"		
1901	Jan. 18, 1902	S. Do. 42	"		
1902	Jan. 15, 1903	A. Do. 61	"		
1903	Jan. 25, 1904	S. Do. 33	"		
1904	Jan. 23, 1905	S. Do. 22	"		
1905	Jan. 20, 1906	S. Do. 25	"		

INDEX

ABBREVIATIONS

BRC-Black River Canal
C - Canal
CC -Canal Commissioners
ChC-Chenango Canal
CheC-Chemung Canal
CS - Cayuga & Seneca Canal
EC -Erie Canal
ED -Eastern Division
GVC-Genesee Valley Canal
MD -Middle Division
OE -Original Erie
SES-State Engineer & Surveyor
SPW-Supt.Public Works
Sh&Pc-Shinnecock & Peconic Canal
WD -Western Division